



MARIN  
WATER

MARIN MUNICIPAL WATER DISTRICT

# Recreation Management Planning Feasibility Study

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PREPARED BY ALTA PLANNING + DESIGN, INC.

# ACKNOWLEDGMENTS

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## **Mission, Vision, and Values**



## Mission

Marin Water manages the lands, water, and facilities in our trust to provide reliable, high-quality water and adapt and sustain these precious resources for the future.

## Vision

Marin Water is a leader in water and natural resource management and addressing the complexities of a changing environment.

## Values

Marin Water is dedicated to serving customers and the community by upholding these core values:

- **HEALTH AND SAFETY.** We are committed to the health and safety of our colleagues and community.
- **STEWARDSHIP.** We recognize the essential connection between people and natural resources and manage our lands and facilities for sustained benefits now and in the future.
- **INNOVATION.** We strive for excellence and innovation in managing water and watersheds.
- **EFFICIENCY AND RESPONSIVENESS.** We value efficiency, cost-effectiveness, and timely service in our work with customers and communities.
- **ACCOUNTABILITY.** We operate with the highest levels of individual and organizational accountability to each other and the community.
- **RESPECT.** We maintain a welcoming environment that embraces differences and offers respect, dignity, and fairness for all people and partners.
- **LISTENING AND LEARNING.** We enhance ourselves and the organization by listening to others, reflecting on our performance, sharing knowledge with others, and making informed decisions.
- **ONE WATER.** We work together to anticipate the challenges ahead and achieve our mission.



# Executive Summary



# PURPOSE AND GOALS OF THIS FEASIBILITY STUDY

The Marin Municipal Water District (Marin Water or the District) undertook an engagement-focused process to assess its current facilities, services, and stewardship programs and to identify potential strategies to improve visitors' experiences. These strategies will also allow the District to stay true to its mission, vision, and values. These are laid out on the following page.

This resulting feasibility study includes the desires, needs, and issues regarding recreation on the Watershed shared by a wide range of user groups. Furthermore, it establishes a framework for adaptive recreation management\* that the District may further refine during the upcoming update to the Mt. Tamalpais Watershed Road and Trail Management Plan (RTMP).

The process focused on addressing four major goals as identified by project stakeholders, District staff, and the public:

**Goal #1** – Protect water quality, and steward natural resources to support biodiversity

**Goal #2** – Strengthen and expand community-based stewardship opportunities to care for the mountain's natural and recreational resources

**Goal #3** – Maintain a sustainable network of roads and trails that support visitors and a variety of recreational uses

**Goal #4** – Adaptively manage recreation to increase equitable access and respond to changing environmental conditions and visitor needs

This study's strategies are based on their potential to help Marin Water meet these goals.

\*See page 11 for overview of District Board Policy 7

# ENGAGEMENT PROCESS SUMMARY

The strategy process focused on engagement with the public and stakeholders between June 2022 and April 2023 with six community workshops, two site visits, over 20 interviews with stakeholder groups, individual interviews with park rangers, and a Watershed-wide visitor survey.

Each community workshop and site visit focused on a key theme, generating clear outcomes from each meeting. This engagement process will inform Marin Water’s decisions moving forward, especially in the forthcoming Roads and Trails Management Plan.

In-person surveys were collected at key trailheads, with 1,063 responses. Online results, which may have been skewed by advocacy groups, totaled 2,220 responses.

## Community Workshops

- Community Workshop #1
  - Project introduction
  - » June 8, 2022
- Community Workshop #2 – Watershed census survey update and data collection process
  - » July 13, 2022
- Community Workshop #3 – Stewardship, partnership, and outreach programs
  - » September 14, 2022
- Community Workshop #4 – Watershed facilities and visitor management
  - » October 12, 2022
- Community Workshop #5 – Watershed census survey data, best management practices, and adaptive management
  - » February 8, 2023
- Community Workshop #6 – Watershed Recreation Management Planning Feasibility Study outcomes
  - » April 12, 2023

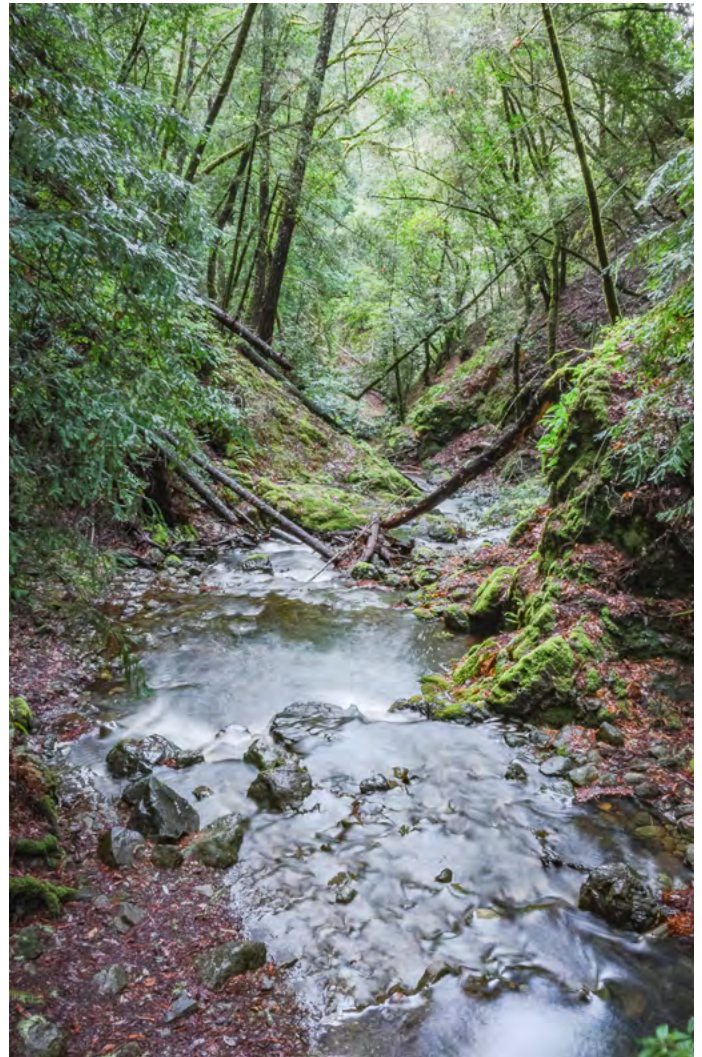


## On-Site Visits

- Watershed Site Visit #1 – Ranger and naturalist hike
  - » July 6, 2022
- Watershed Site Visit #2 – Roads, trails, and Azalea Hill Project
  - » November 9, 2022

Feedback from each activity (see Public Engagement Summary) helped guide the selection of the potential program and policy strategies listed at the end of this document. Important areas of interest voiced by the public include:

- A deep love of Mt. Tamalpais (Mt. Tam) and desire to experience it in a wide variety of ways.
- A strong desire for increased stewardship opportunities to support Watershed staff and other ongoing efforts.
- Exploring how trails and roads can be improved to support the diverse interests of various visitor groups. This includes multi-use trails, bike-only trails, and designated trails just for hikers and equestrians.



*Swede George Creek at Helen Markt Trail*



*November 9, 2022 site visit*





# Introduction



This *Watershed Recreation Management Planning Feasibility Study* was informed through a robust public engagement process that the District began in 2022.

Through this process, the community identified a number of strategic opportunities that the District can explore to sustainably manage future visitation and expand equitable access, while meeting its commitments to protect biodiversity and water quality.

This process built off the E-Bike Community Advisory Committee's recommendation to review public access holistically. This document summarizes the engagement process and outlines how the District and the community can work together to create a sustainable and balanced future where the shared enjoyment of these landscapes and the protection of their natural treasures go hand in hand.

### **District Board Policy 7**

The Mt. Tamalpais (Mt. Tam) Watershed is one of Marin's most valuable natural resources, providing and protecting the major source of domestic water for Marin Water customers. Besides this primary purpose, the Watershed is held in trust as a natural wildland of great biological diversity, as scenic open space and as an area for passive outdoor recreation for Marin and much of the Bay Area. Passive outdoor recreation is defined as those activities that are based on nature and that require little or no development or facilities.

*The District's policies provide a framework for Watershed priorities. Central to this feasibility study, Policy 7 also mandates adaptive recreation management based on visitor data.*



*Potrero Meadows and Watershed lands from the former Mill Valley Air Force Station*

# THE NEED FOR PLANNING

Proactive recreation planning is not merely a choice; it is an imperative and vital to the community's connection to Mt. Tamalpais and the preservation of the mountain's water quality and biodiversity. Per Board Policy 7, "Protection of water quality is the overriding goal for the management of the Mt. Tamalpais Watershed."

As Marin Water stands at the crossroads of resource protection and recreation, this feasibility study emerges as a beacon of responsible stewardship, a blueprint for addressing legacy issues, and a roadmap toward a future where the enjoyment of the Watershed's roads and trails coexists harmoniously with the protection of its fragile ecosystems. It demonstrates the District's unwavering commitment to an ongoing conversation with the community about strategic opportunities to realize these values. In addition, this study is an opportunity to bring together previous natural resource data and studies, such as the Peak Health Report, so that an understanding of ecological conditions can underpin future recreation planning.



*Sunrise at Sky Oaks*

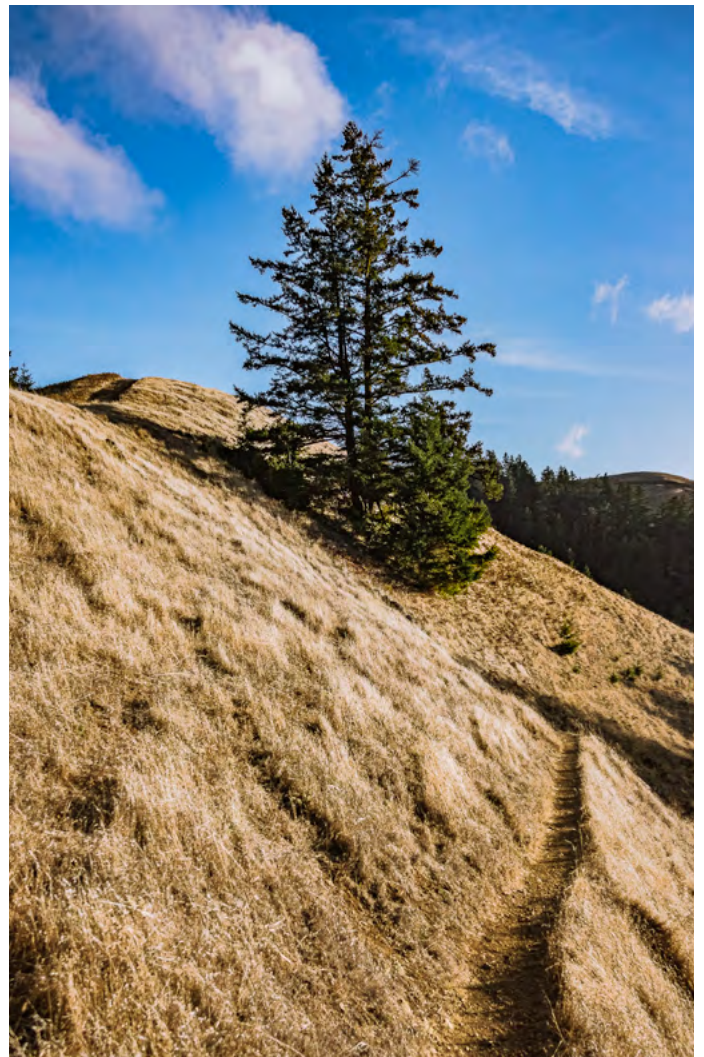
With limited resources at hand, the District has prioritized the community's input. Changing use patterns and community needs have highlighted opportunities to better serve under-resourced communities. The District is committed to adaptive Watershed management and remains open to incorporating innovative ideas and practices. However, given resource constraints, it recognizes the need to prioritize specific outcomes within this feasibility study, acknowledging that not all proposed strategies can be implemented in their entirety.



## Overview of Watershed Roads and Trails System

Nestled within the scenic landscapes of Marin County, the District proudly oversees a vast network of roads and trails that wind their way through the Mt. Tamalpais Watershed. These pathways, cherished by generations of hikers, cyclists, nature enthusiasts, anglers, equestrians, and runners, offer a unique opportunity to connect with the natural beauty of the region. The District strives to steward both water quality and ecological health, while maintaining a system of roads and trails that allow visitors to connect with Mt. Tamalpais and surrounding public lands.

Over the years, visitors have created a network of social (non-system) trails, a testament to the area's allure and the collective impact that the desire to connect with its natural wonders can have. In an effort to better understand long-term changes on the Watershed, the District engages in ongoing biological monitoring efforts, carefully assessing and safeguarding the delicate balance of the ecosystem. This dynamic interplay between the extensive roads and trail system and the District's dedication to preservation is and will continue to be the focus of its management policies.



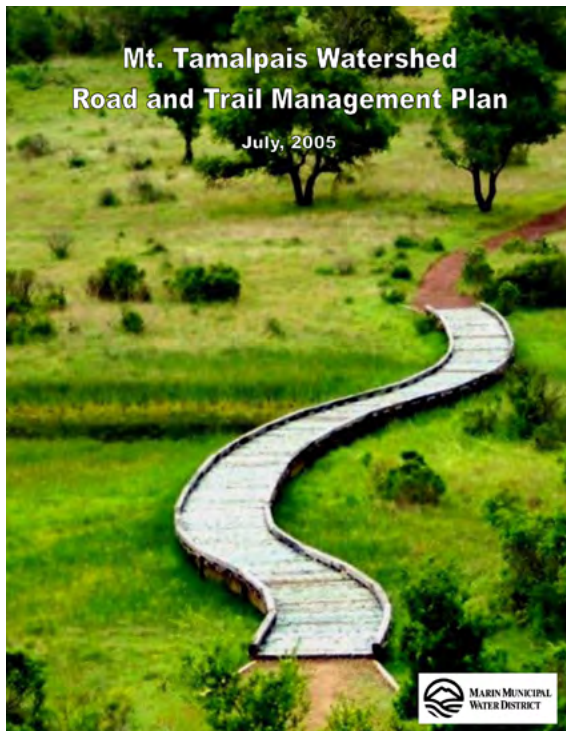
*Bare Knoll at High Marsh Trail*



*Ranger-led walk*

# FEASIBILITY STUDY IN CONTEXT

This process advances previous efforts and works within the unique ecological, regulatory, historical, and partnership contexts of the District. This *Watershed Recreation Management Planning Feasibility Study* builds upon the numerous planning documents that have been developed for the Watershed over the past several decades, specifically, the [Mt. Tamalpais Watershed Road and Trail Management Plan, or RTMP](#)



Cover of the *Mt. Tamalpais Watershed Road and Trail Management Plan*

(2005); the [Biodiversity, Fire, and Fuels Integrated Plan, or BFFIP \(2019\)](#); and the [One Tam Peak Health Report](#).

- The [RTMP](#) outlines best management techniques to reduce the environmental impacts of the road and trail network but does not address how to manage Watershed visitors or consider community stewardship efforts that can influence recreational culture.
- The [BFFIP](#) describes actions that the District will take over many years to minimize fire hazards and maximize ecological health on its Watershed lands. The purpose of the BFFIP is to define and guide the methods to minimize the risk from wildfires while simultaneously preserving and enhancing existing significant biological resources.
- The 2016 [Peak Health Report](#) combined data from all One Tam partners (including Marin Water) to assess the health of 17 important ecological health indicators. Utilizing data collected by Marin Water's biological monitoring and inventories, the most recent report indicates that

wildlife on the mountain is generally “doing well,” while most vegetation is “suffering from stressors such as climate change, invasive species, plant disease, and changed fire regimes” (Peak Health Report, 2016, Ex. Summary – Pg. viii). *This report is currently being updated and is expected to be completed in 2024.*

In addition to these three key documents, the project team reviewed datasets and regulations in order to root this planning process within the District’s unique context. These include documents that provide an overview of the history of the Watershed and its use, those that clarify the Watershed’s regulatory context, and planning documents that outline strategies and goals related to natural resource management and recreation. All documents reviewed are highlighted in Table 3; summaries and key takeaways related to recreation from each are included in [Appendix A](#).



*Calypso orchid on Kent Trail*

## Ecological Context

The Watershed is one of 13 protected areas within the United Nations Educational, Scientific, and Cultural Organization (UNESCO) Golden Gate Biosphere, recognized for globally significant biodiversity. There are over 1,000 species of plants and 400 species of wildlife across the Watershed with many of them being protected by special status due to their rarity.

These unique resources require close monitoring and stewardship to protect them from potential impacts of passive recreation and Watershed management activities.

Well-planned and managed recreation, coupled with targeted outreach and stewardship opportunities, creates ways for humans to be a part of a thriving natural landscape.



## **Current Baseline Information**

Natural features within the Watershed that are important for recreation planning, and which have been well studied, include vegetation and plants (invasive and rare species) and wildlife (yellow-legged frog, landbirds, osprey, and northern spotted owl). Applicable findings about these topics are summarized below.

## **Vegetation and Plants**

### **INVASIVE SPECIES**

#### **Current Status**

Surveys for invasive plants have been conducted for a diversity of species along roads and trails, as well as in areas of known infestations of broom located on the eastern end of the Watershed.<sup>1,2</sup> These surveys documented 15 Priority One species within the Mt. Tamalpais region. Maintaining the native structure of habitats in the Watershed is important for ensuring the integrity of the habitats present that support native species—both wildlife and plants. Infestations of invasive plants are one of the most impactful causes of habitat

degradation. Recreation can readily facilitate the introduction and expansion of invasive plant species if implemented without consideration of this potential problem. Tracking the demographics of invasive plant species is important for informed recreation planning. To address this issue Marin Water and other land management agencies have an active Early Detection Rapid Response Program to facilitate ongoing invasive plant management along roads and trails. Additionally, the District has an active Biodiversity, Fire, and Fuels Integrated Plan to inform and guide vegetation management on the Watershed. This document also includes a detailed overview of the natural resources and biodiversity of the Watershed.

#### **Research Findings**

Of the 15 Priority One species, most occurrences were single locations along Highway 1. Teams detected the first populations of *Bromus tectorum* and *Elymus caput-medusae* during these surveys. Priority One species were found to occupy 724 patches across 61 gross acres in the Mt. Tamalpais region. Many of these species have received management, but outcomes have not been reported (beyond proxy associations), except for broom, which continues to expand its range, albeit at a slower rate than before treatment was initiated. Management of broom includes pulling, mowing, and checking old populations with no plants for

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1. Marin Water. 2018. 2018 Broom Mapping on Mt. Tamalpais Watershed Lands. Online map. <https://www.marinwater.org/sites/default/files/2020-09/Broom%20Map.pdf>.

2. Kesel, R., and Greenberger, D. 2020. *Early Detection Beyond Boundaries*. San Francisco, CA. [www.onetam.org](http://www.onetam.org).

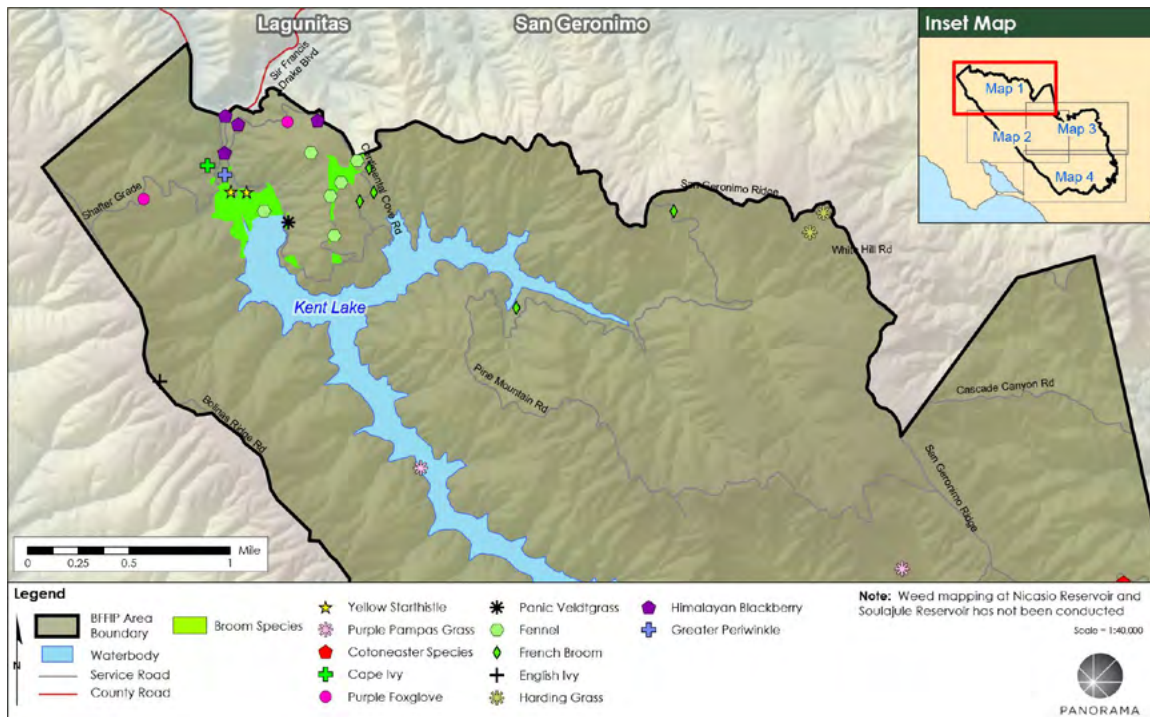
new seedlings (surveillance). To date, of the approximately 1,500 acres of broom mapped in 2018, about 750 acres are under management. The Mt. Tamalpais region has approximately 290 miles of fire roads and trails on Marin Water land, as well as 48 miles of

surface streets. Staff aim to (continue to) survey these 338 miles of roads and trails every three years. Table 1 lists targeted early detection species, and the maps that follow show the distribution of mapped invasive species.

**Table 1. Early Detection Species List**

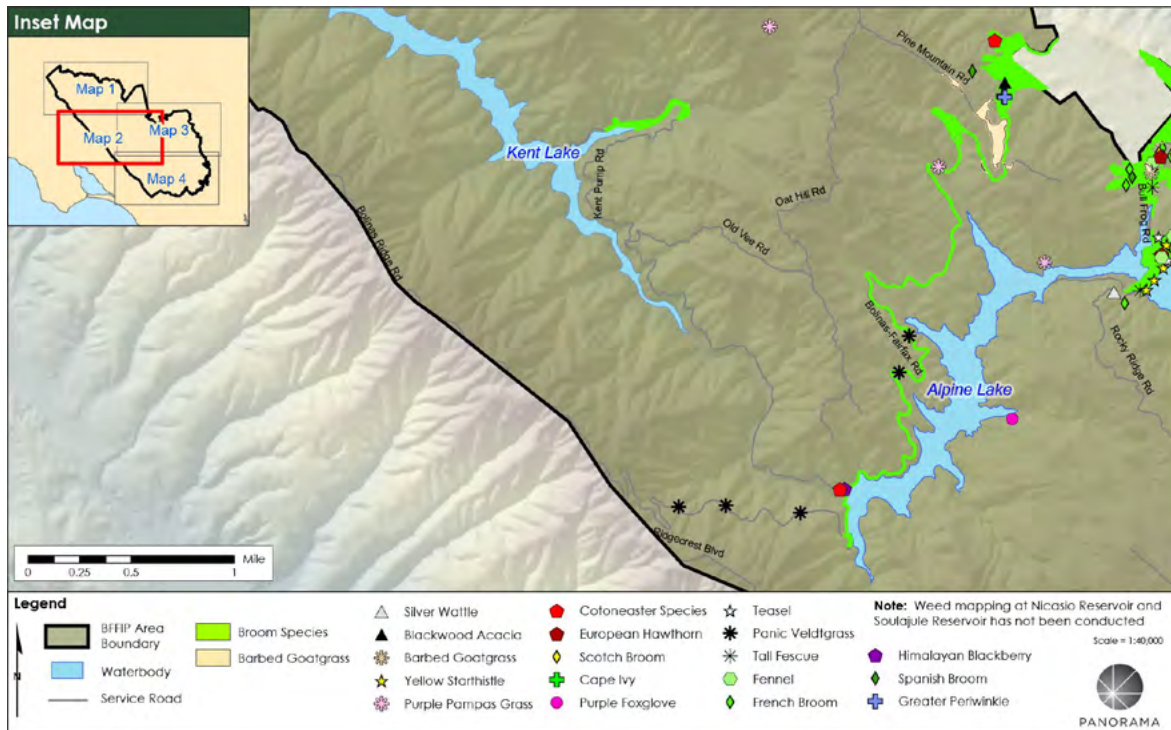
<b>SPECIES</b>	<b>CALIFORNIA DEPT. OF FOOD &amp; AGRICULTURE RATING</b>	<b>CALIFORNIA INVASIVE PLANT COUNCIL RATING</b>
Barb goatgrass ( <i>Aegilops triuncialis</i> )	-	High
Tree of heaven ( <i>Ailanthus altissima</i> )	C	Moderate
Cape dandelion ( <i>Arctotheca calendula</i> )	A	Moderate
False brome ( <i>Brachypodium sylvaticum</i> )	-	Moderate
Downy brome ( <i>Bromus tectorum</i> )	C	High
Summer lilac ( <i>Buddleja davidii</i> )	-	Watchlist
Hanging sedge ( <i>Carex pendula</i> )	-	Watchlist
Purple starthistle ( <i>Centaurea calcitrapa</i> )	-	Moderate
Old man's beard ( <i>Clematis vitalba</i> )	A	Moderate
Portuguese broom ( <i>Cytisus striatus</i> )	B	Moderate
Stinkwort ( <i>Dittrichia graveolens</i> )	-	Moderate
Medusahead ( <i>Elymus caput-medusae</i> )	-	High
Japanese knotweed ( <i>Fallopia japonica</i> )	A	Moderate
Large-leaved hypericum ( <i>Hypericum grandifolium</i> )	-	Watchlist
Yellowflag iris ( <i>Iris pseudacorus</i> )	B	Limited
Mayten tree ( <i>Maytenus boaria</i> )	-	Watchlist
Plume albizia ( <i>Paraserianthes lophantha</i> )	-	Watchlist
Scarlet wisteria ( <i>Sesbania punicea</i> )	-	High
New Zealand nightshade ( <i>Solanum aviculare</i> )	-	Watchlist
Andean tussockgrass ( <i>Stipa manicata</i> )	-	Limited
Smilo grass ( <i>Stipa miliacea</i> var. <i>miliacea</i> )	-	Limited
Mexican feathergrass ( <i>Stipa tenuissima</i> )	-	Watchlist
Gorse ( <i>Ulex europaeus</i> )	-	High

Map 1. Mapped Weed Populations on District Land (Map 1 of 4)



Sources: (Marin Municipal Water District Sky Oaks Watershed HQ, 2013; Marin Municipal Water District Sky Oaks Watershed HQ, 2016a; Marin Municipal Water District Sky Oaks Watershed HQ, 2016c) Note: This map and the other three maps in this series were developed using data that was collected by the District between 2003 and April 2016. The data was updated periodically to reflect the District's management efforts. This map represents the District's best understanding of the extent of weed populations on District lands. Note that not all weed populations are known and not all areas of District lands are regularly mapped.

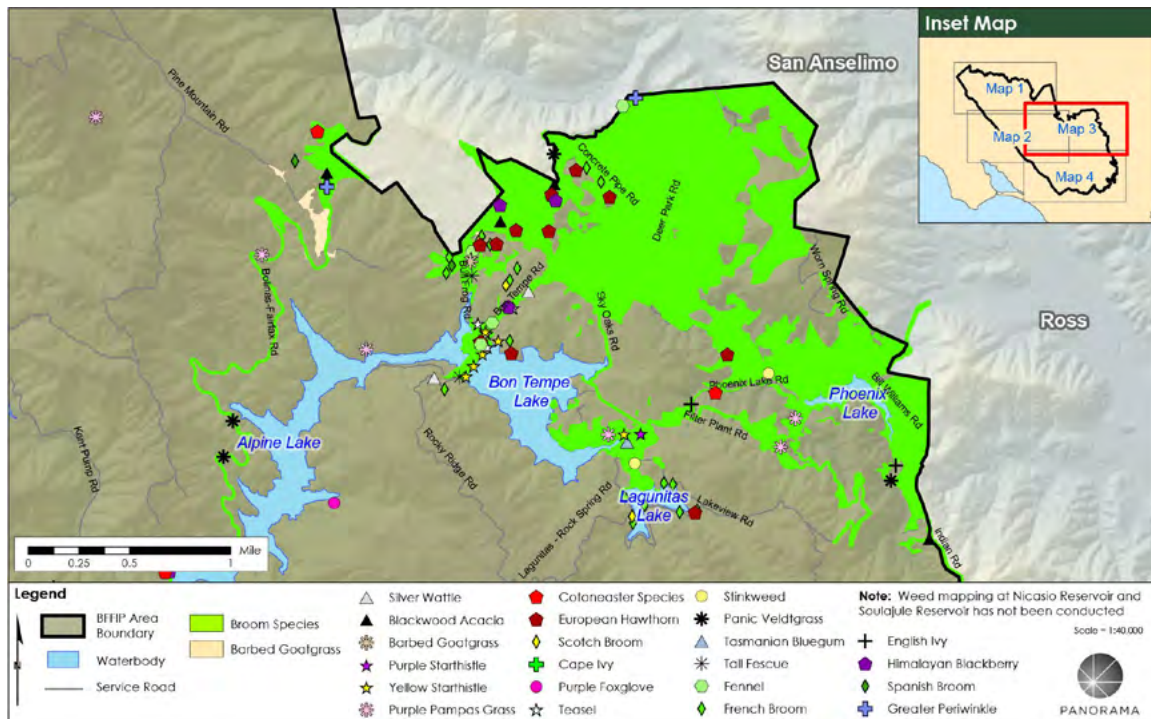
Map 2. Mapped Weed Populations on District Land (Map 2 of 4)



Sources: (Marin Municipal Water District Sky Oaks Watershed HQ, 2013; Marin Municipal Water District Sky Oaks Watershed HQ, 2016a; Marin Municipal Water District Sky Oaks Watershed HQ, 2016c)

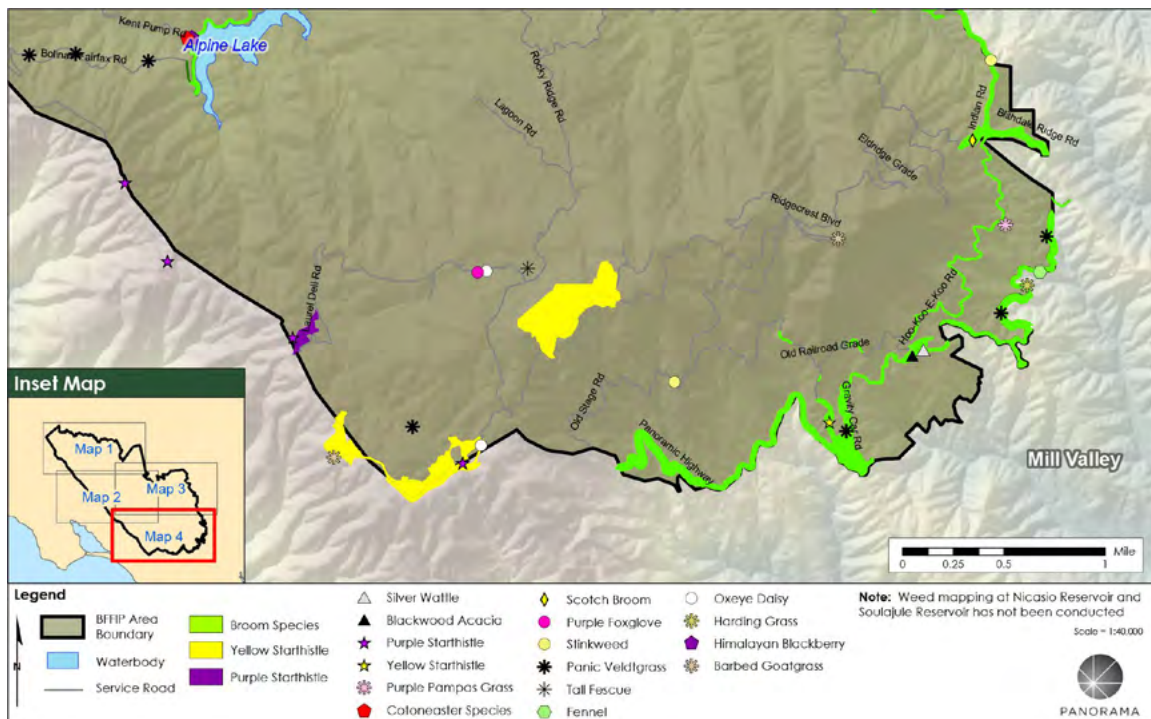


Map 3. Mapped Weed Populations on District Land (Map 3 of 4)



Sources: (Marin Municipal Water District Sky Oaks Watershed HQ, 2013; Marin Municipal Water District Sky Oaks Watershed HQ, 2016a; Marin Municipal Water District Sky Oaks Watershed HQ, 2016c)

Map 4. Mapped Weed Populations on District Land (Map 4 of 4)



Sources: (Marin Municipal Water District Sky Oaks Watershed HQ, 2013; Marin Municipal Water District Sky Oaks Watershed HQ, 2016a; Marin Municipal Water District Sky Oaks Watershed HQ, 2016c)

### **Planning and Management Recommendations**

Recommendations from the existing invasive species studies are as follows:

- The *Early Detection Rapid Response* program is grounded in the idea that early intervention prevents much bigger problems later. Investments to sustain early gains will lead to even longer-term economic and resource management benefits. The potential of such a comprehensive program to protect the biodiversity of Mt. Tamalpais and increase its resilience to the impacts of climate change mean that these are early investments well worth making and should be carried forward.
- Surveyors have yet to detect several species on the Priority One list: *Ailanthus altissima*, *Albizia lophantha*, *Arctotheca calendula*, *Brachypodium sylvaticum*, and *Sesbania punicea*. *Fallopia japonica* occurs within the Mt. Tamalpais region on private land, and just outside the region on public land. By keeping these species on the list, Parks Conservancy surveyors strive to not let incipient patches go overlooked.
- While One Tam aims to treat all detections of Priority One species, the approach to Priority Two species has progressed only by species or by site. The primary survey generated a valuable dataset for prioritizing across boundaries. Parks

Conservancy staff applied the WHIPPET model (Weed Heuristics: Invasive Population Prioritization for Eradication Tool) to 32 species on the Priority Two list as part of this analysis. Effort into detection and early eradication of Priority Two species would need to increase to ensure total infestations, as well as acreage, do not expand to levels difficult to control.

- Expanding early detection and treatment to the remainder of the Watershed will be a challenge, but is necessary to ensure its ecological integrity. Defining detailed, landscape-level treatment strategies to ensure successful weed control or eradication is required. With an established approach to working across boundaries, given the multiple jurisdictions in and around the Watershed, and new data for planning established, staffing and funding can now be scaled up to treat all Priority One weeds. The priority species lists will also need to be periodically reevaluated as new weeds emerge and as Marin Water priorities evolve.

## RARE PLANTS

### Current Status

Mt. Tamalpais, and its surrounding lands, are recognized for their botanical novelty and numerous rare plant species. A rare plant survey for the District, published in 1990,<sup>3</sup> provided a thorough inventory of the locations, vulnerabilities, and needs of the Watershed's rare, endangered, or sensitive species. It included a compilation of historic records, coordinated with available data and field surveys, and also offered insights on ecological relationships and potential management concerns. During the subsequent three decades, much more has been learned about the Watershed's rare plants—additional taxa and populations have been found and listed by the California Native Plant Society (CNPS), while others have gone extinct.

The latest field surveys occurred between 2012 and 2018.<sup>4</sup> District lands were found to contain up to 50 special-status plant species within approximately 88 distinct plant assemblages as defined by the National Vegetation Classification System. These

communities include endemic species found nowhere else in the world such as the Mt. Tamalpais thistle (*Cirsium hydrophilum* var. *vaseyi*), Mt. Tamalpais manzanita (*Arctostaphylos montana* ssp. *montana*), Tamalpais and Mt. Tamalpais bristly jewel flowers (*Streptanthus batrachopus* and *S. glandulosus* ssp. *pulchellus*), and Tamalpais lessingia (*Lessingia micradenia* var. *micradenia*). Upwards of 20 of these assemblages are considered sensitive natural communities by the state. Distributions of each documented species are summarized in the updated 2019 report, have been accessioned, and are available from the CNPS database.

In addition to the special-status species and vegetation types, wetlands, and aquatic resources previously described, the BFFIP identifies additional habitats that are defined as either “important” or “high-quality.” On District lands, these habitats include oak woodlands, maritime and serpentine chaparral, native grasslands, and old-growth redwood forests. In an effort to map the spatial distribution of these habitats, the District and the One Tam collaborative invested in a fine-scale vegetation map that can be used to guide road and trail planning efforts.

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3. Patterson, C.A. 1990. *Sensitive Plant Survey of the Marin Water, Marin County, California*.

4. Williams, A., and M. O'Herron. 2019. *Marin Water Rare Plant Inventory Update*. Corte Madera, CA: Marin Water. <https://www.marinwater.org/sites/default/files/2020-09/Rare%20Plant%20Report%20Update.pdf>.



Because rare plants have been well documented on District lands, planning and/or management efforts should closely reference current distribution maps and identify any populations requiring additional planning to ensure they are not harmed directly or indirectly. Recreation has potential to impact rare plants in myriad ways if not planned and implemented with their consideration.

### **Research Findings**

The District's knowledge of its rare plants and native communities comes from a combination of historic records, museum specimens, and field data from its extensive inventory and monitoring programs, which are conducted by a mix of researchers, consultants, District staff, and skilled volunteers. To date, the District has systematically inventoried and described its terrestrial vascular flora (both at species and community scales), aquatic vegetation, lichens, and weeds. Monitoring programs are in place to detect changing conditions for resources of particular interest, including vegetation community structure and forest health.

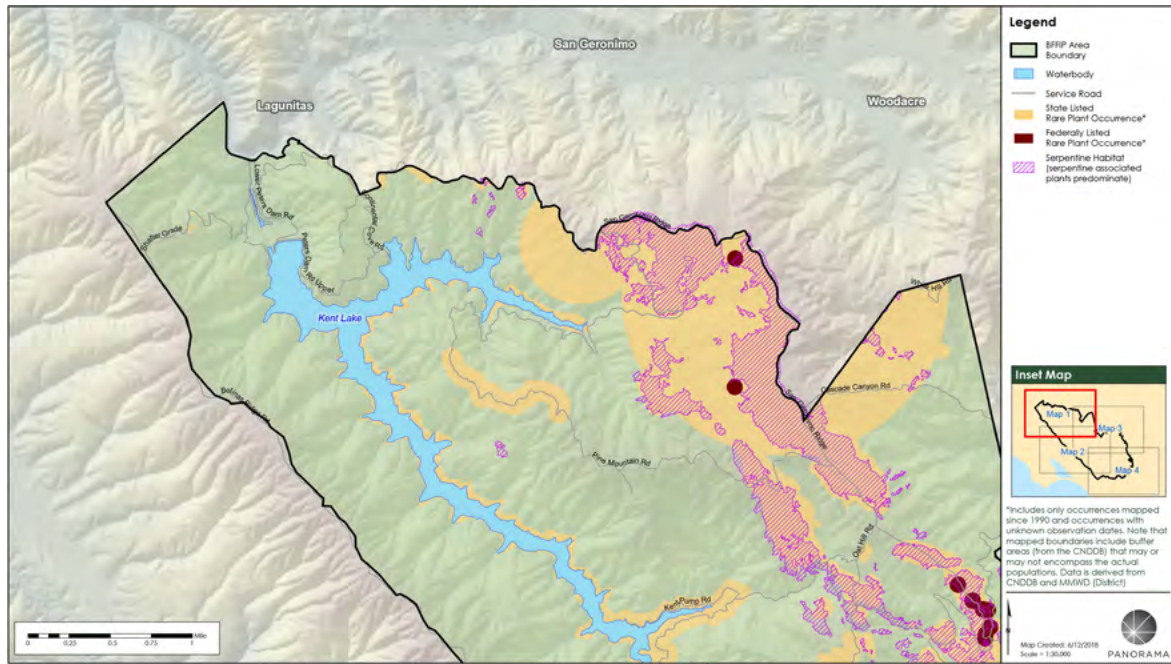
Remarkably high levels of biological diversity are found across District lands, and in particular, among its plant communities. A wide range of soils, including harshly metallic serpentine, create unique conditions for different plant communities and the wildlife that depend upon them. These plant communities support the many endemic, rare, and/or special-status species. From the BFFIP, plant communities mapped within the Watershed include the following, listed in ranked order from greatest to least:

- Hardwood forests: 5,099 acres
- Conifer forests (non-redwood): 4,035 acres
- Redwood forests: 3,873 acres
- Chaparral (non-serpentine): 1,530 acres
- Grasslands: 1,344 acres
- Oak woodland: 1,200 acres
- Serpentine chaparral: 810 acres
- Riparian woodland: 474 acres
- Shrubland (non-chaparral): 139 acres
- Wetland: 20 acres

The total number of species within District lands is unknown, but it includes over 1,000 species of vascular plants. Many more species of fungi, non-vascular plants, and invertebrates such as insects and other arthropods also occur. The report from the latest surveys includes both distribution/demographics information on each of the documented rare plants, as well as species accounts describing their biology and ecology. Current distribution maps of each species are available from CNPS and should be referenced for all recreation planning.

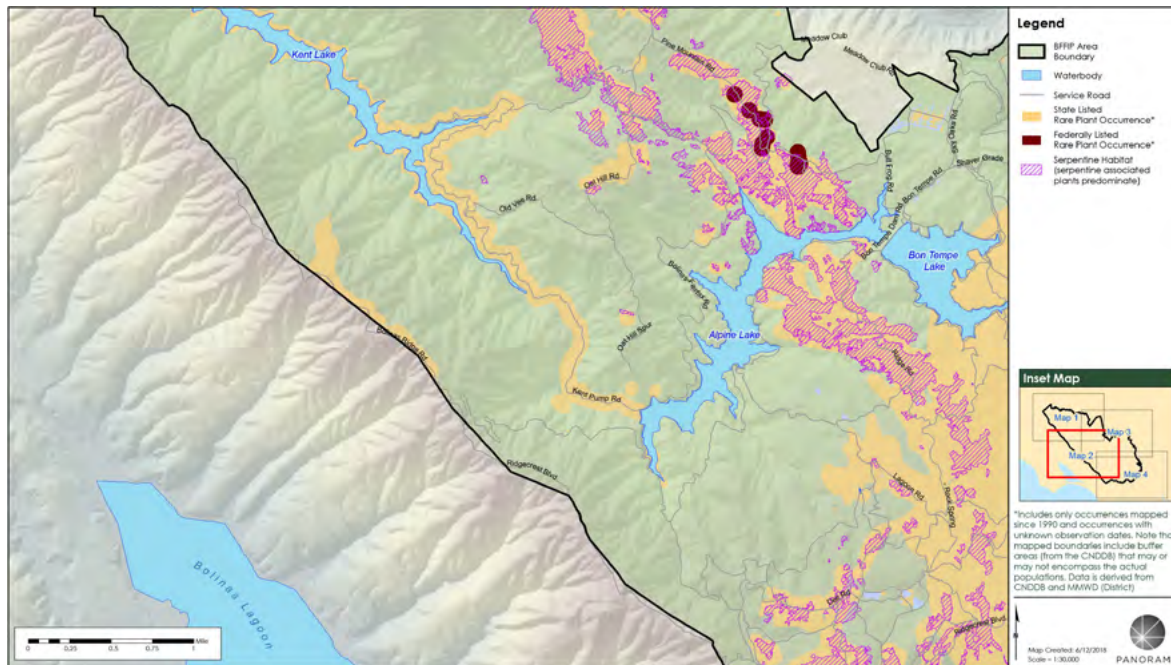


Map 5. Occurrences of Special-Status Plants in the Mt. Tamalpais Watershed (Map 1 of 4)



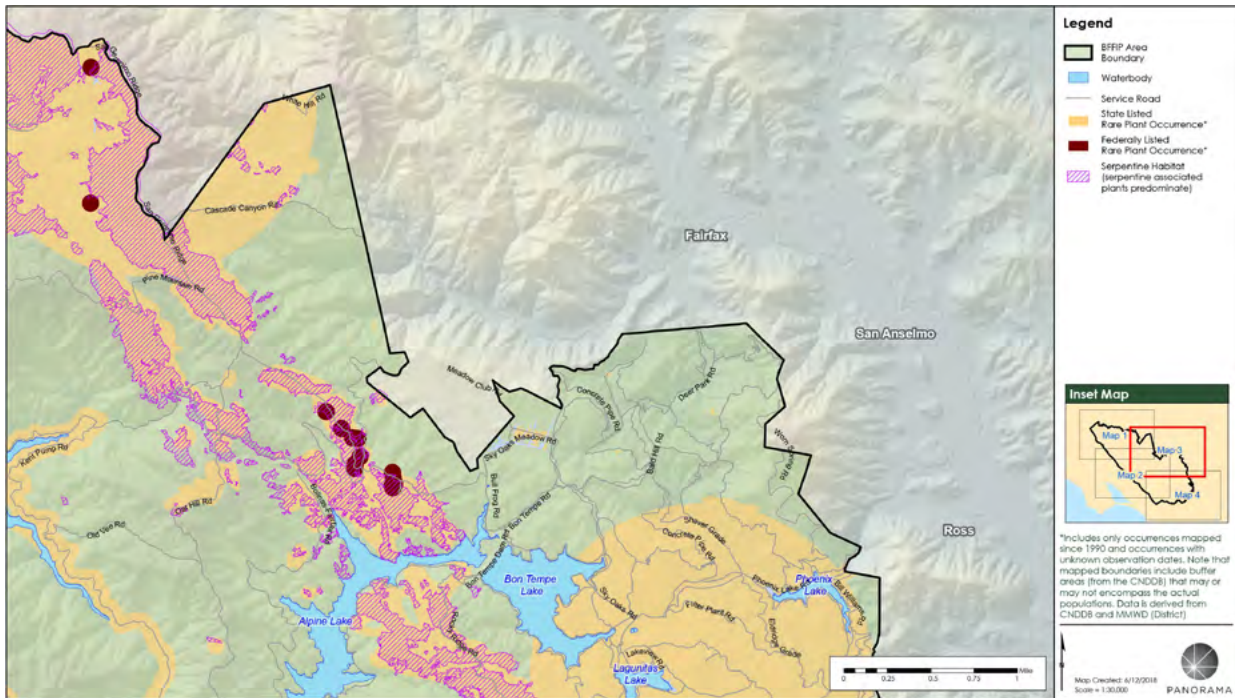
Sources: (Marin Municipal Water District Sky Oaks Watershed HQ, 2013a; Marin Municipal Water District Sky Oaks Watershed HQ, 2014a; Marin Municipal Water District Sky Oaks Watershed HQ, 2014c; CDFW, 2014)

Map 6. Occurrences of Special-Status Plants in the Mt. Tamalpais Watershed (Map 2 of 4)

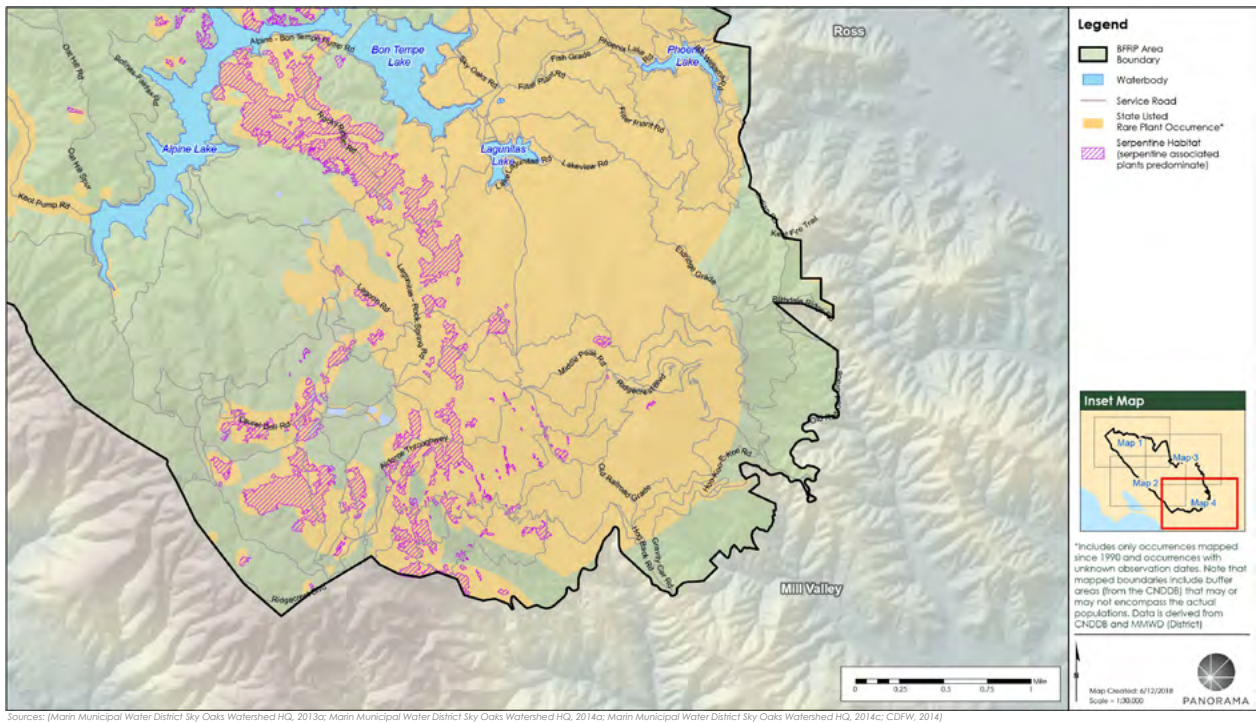


Sources: (Marin Municipal Water District Sky Oaks Watershed HQ, 2013a; Marin Municipal Water District Sky Oaks Watershed HQ, 2014a; Marin Municipal Water District Sky Oaks Watershed HQ, 2014c; CDFW, 2014)

Map 7. Occurrences of Special-Status Plants in the Mt. Tamalpais Watershed (Map 3 of 4)



Map 8. Occurrences of Special-Status Plants in the Mt. Tamalpais Watershed (Map 2 of 4)





### **Planning and Management Recommendations**

A diversity of pressures and/or impacts should be recognized and considered for all recreation planning. The Watershed's plant and animal communities are threatened by global climate change, altered fire regimes, invasive, non-native plants and animals, habitat fragmentation, plant diseases, noise, light, and air pollution, and other human impacts. These ecological stressors can directly result in the loss and degradation of habitats and negatively affect the size, range, and reproductive capacity of plants and wildlife.

Interactions among these stressors (e.g., between climate change and fire frequency, or between fire and plant diseases) further compound their effects and make managing them challenging.

In general, altered fire regimes, climate change, and invasive plants are the primary threats to rare plant populations on District lands and should be considered during all recreation planning activities. Monitoring of known rare plant populations, as well as periodic surveys searching for previously unknown populations, should continue to occur to track conditions of these unique species as part of the District's ongoing compliance work.

**Fire** – Mt. Tamalpais has not seen a large, stand-replacing fire for over 70 years due to fire suppression policies and practices. This lack of fire is resulting, in part, in the succession of

grasslands to shrublands and woodlands, and of shrublands and woodlands to Douglas-fir (*Pseudotsuga menziesii*) dominated stands. Fire suppression is also hindering the regeneration of fire-dependent species such as Sargent cypress (*Cupressus sargentii*) and the rare Marin manzanita (*Arctostaphylos virgata*). Fire should be considered as a potentially important tool for land management focusing on maintaining rare native plants and animals.

**Climate Change** – Changes in temperature, precipitation, fog, and soil moisture may make future conditions inhospitable for certain plant species or even entire plant communities. In the long term, climate change will alter the basic physical conditions under which native plant communities on Mt. Tam evolved, forcing a gradual shift in their composition and distribution. This shift will likely be accelerated by episodic disturbances such as fires and floods, which will become more frequent in a changing climate. The sensitivity of vegetation to climate change is heterogeneous and somewhat difficult to predict, but models for Marin County suggest an expansion of climate conditions suitable for more drought-tolerant species and communities, such as coastal sage scrub and chamise chaparral, as climatic water deficits continue. Although increasing drought stress will affect some species more than others, it is still likely to become



a major driver of plant populations. In particular, locally rare and extirpated species tend to favor wet habitats and may be more impacted by drought stress. Changes in (i.e., reduction of) fog may likewise be detrimental to maritime chaparral species. To better understand this issue, the District is currently working with the Golden Gate Biosphere Network on a Climate Vulnerability Assessment to help identify mitigation and restoration strategies for some key habitat types.

**Invasive Species** – The major threats posed by invasive species include changes in fire frequency or intensity, groundwater depletion, changes to soil chemistry, competition with native species, and a loss of native species diversity. Currently, about 30% of the known plant species on Mt. Tamalpais are non-native. While all Watershed lands face some degree of threat from invasive plant species, some are more resistant to invasion than others due to varying soil types, moisture levels, and canopy density. The serpentine habitats are particularly unwelcoming to many other plant species; however, goatgrass (*Aegilops triuncialis*) and purple false brome (*Brachypodium distachyon*) have invaded some areas. Dense stands of chaparral are relatively weed free as well. Nevertheless, most other plant communities, including those that support rare plant species, have been highly impacted by invasive weeds.

**Other Threats** – Depending on their location, some rare plant populations may also be threatened by trampling and by fuel break or road and trail maintenance or construction. Best management practices can help prevent damage to plants and habitat from this kind of work, but additional management and enforcement efforts are required to prevent visitors from constructing non-system trails and hiking off trail through rare plant habitats. Sudden Oak Death (SOD) is another localized threat. Rare plants in forest habitats can be crushed by fallen SOD-killed trees, and their response to microclimate shifts (e.g., shade, water availability) caused by the resulting changes in the forest structure is unknown.

## Wildlife

### YELLOW-LEGGED FROGS

#### Current Status

Based on annual monitoring surveys conducted from 2004 to 2023, yellow-legged frog populations appear to be relatively stable at two representative creeks within the Watershed. Kleinfelder Inc. documented breeding female populations in Little Carson Creek and Big Carson Creek on District land in 2023.<sup>5</sup> In general, although the local population of yellow-legged frogs appears stable, albeit small, this species is sensitive to environmental changes, making them susceptible to recreation activities that can degrade habitat characteristics including those that increase sedimentation, flooding, disturbance, and the facilitation of predators into its breeding habitat. Through proactive planning, the District can limit potential disturbances and protect sensitive habitat.

#### Research Findings

In 2023, nine egg masses were observed at Little Carson Creek and 19 egg masses at Big Carson Creek and its two tributaries. During breeding surveys at Little Carson Creek, 59 adult and juvenile frogs were observed in 2023. At Big Carson Creek, 118 adult and juvenile frogs were observed in 2023. Fall metamorph surveys in 2023 revealed some of the highest Year-over-year recruitment success since fall surveys were initiated in 2009. A total of 21 YOY on Little Carson Creek and 322 YOY on Big Carson Creek and tributaries were recorded during surveys conducted on September 28.

The below figure shows the annual egg mass counts for Big Carson Creek and Little Carson Creek for each of the survey years from 2004 to 2023. In general, the number of egg masses in the population are stable; however, they represent relatively small populations, and as such, are susceptible to stochastic events (i.e., climate related) that could trigger significant declines.

SITE	NUMBER OF EGG MASSES PER YEAR																			
	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19	'20	'21	'22	'23
Little Carson	12	7	4	14	14	10	6	11	17	11	15	11	13	14	17	12	10	8	8	9
Big Carson	13	9	11	5	2	11	10	7	13	8	1	1	19	31	24	12	23	17	15	10
BCC Trib 1	*	*	*	0	2	1	0	0	0	0	5	0	4	0	0	0	2	1	0	1
BCC Trib 2	*	*	*	5	3	11	9	6	8	1	7	6	5	6	6	2	6	2	4	8
Big Carson	13	9	11	10	7	23	19	13	21	9	13	7	28	37	30	14	31	20	19	19
<b>Total Egg Masses</b>	<b>25</b>	<b>16</b>	<b>15</b>	<b>24</b>	<b>21</b>	<b>33</b>	<b>25</b>	<b>24</b>	<b>38</b>	<b>20</b>	<b>28</b>	<b>18</b>	<b>41</b>	<b>51</b>	<b>47</b>	<b>26</b>	<b>41</b>	<b>28</b>	<b>27</b>	<b>28</b>

\*Not surveyed

5. Kleinfelder. 2023. Foothill Yellow-Legged Frog Monitoring at Little Carson Creek and Big Carson Creek, Mt. Tamalpais Watershed, 2023. Prepared for: Marin Water. December 2023.

### **Planning and Management Recommendations**

Frogs are known to be a good indicator of aquatic health and environmental quality, and recreation use has the potential to disturb reproductive frogs and degrade essential habitat. The researchers of this study provided the following recommendations in their most recent publication<sup>6</sup> that offer management strategies to ensure the long-term viability of this species within the Watershed:

- Maintain interpretive signs at Carson Falls.
- Continue using docents to educate the public during breeding season at Pool 3 of the falls.
- Consider using docents at Big Carson Creek during mountain biking events.
- Continue monitoring frog populations at these two creeks to track population trends.
- Evaluate installation of a bridge at Big Carson Creek at Pine Mountain Road. Note this has been evaluated and biologists have flagged a concern for shading out important habitat with a bridge structure.

- Continue removing invasive crayfish and bullfrogs in Little Carson Creek and Big Carson Creek.
- Consider periodic surveys in Cascade Creek and Cataract Creek to determine status of yellow-legged frogs at each creek.

### **LANDBIRDS**

#### **Current Status**

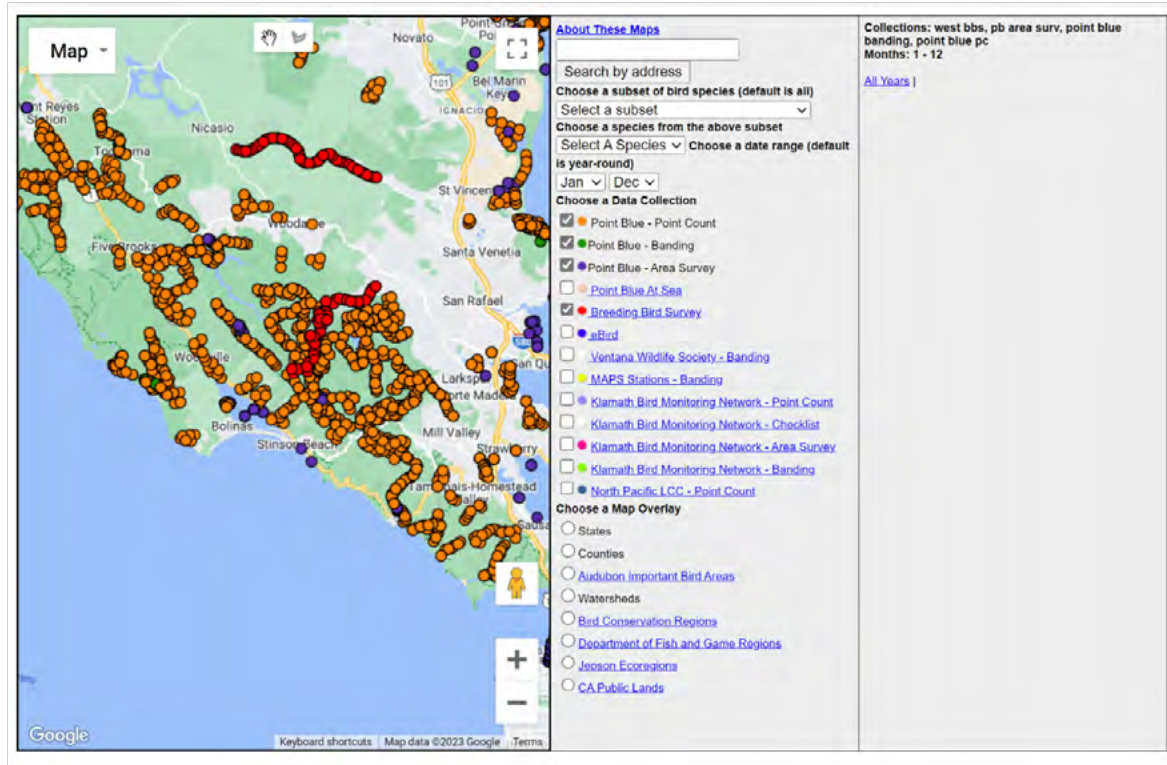
The multi-year study of landbirds on District lands has shown that populations are generally stable, although the trend is dependent on individual species. Point Blue Conservation Science monitored the abundance of landbirds in the District from 1996 to 2022—see map on the following page. The impetus of this study was based on many bird species being on the decline in recent decades. Monitoring programs that can detect changes in bird populations are important because they can help inform land managers when additional management action or research may be warranted for their protection. Landbirds are susceptible to impacts from recreation, mainly from disturbance, but also from habitat degradation that can be driven by negligent recreational use.

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6. Garcia and Associates (GANDA). 2020. *Foothill Yellow-legged Frog Monitoring at Little Carson Creek and Big Carson Creek, Mt. Tamalpais Watershed, 2018 - 2019. Prepared for: Marin Water. Prepared By: Garcia and Associates. January 2020. <https://www.marinwater.org/sites/default/files/2020-10/Foothill%20Yellow-legged%20Frog%202018-19.pdf>.*



Figure 1. Landbird Population Map (Source: Point Blue)



### Research Findings

Point Blue analyzed trends in abundance for 56 species of birds present during the breeding season (55 native species, and the introduced European Starling). Twenty-eight (51%) of the 55 native species exhibited increasing trends or were considered stable (Least Concern); six species (11%) had either uncertain trends or small decreases (Uncertain/Caution); four species (7%) showed moderate to possible large decreases (Caution); and 17 species (31%) exhibited large decreases (Significant Concern). Point Blue found that species primarily associated with forested habitat types (conifer and mixed hardwood, oak woodland, and

species that used multiple forest types) had the highest proportion of species that were increasing or stable. The habitat guilds with the highest proportion of declining species were the generalists (species that used three or more habitat types on Marin Watersheds) and riparian/wetland-associated species. The shrub/chaparral guild was represented only by four species, and their trend results were mixed.

### **Planning and Management Recommendations**

Given the diversity of habitats and expansive size of the District area, the diversity of birds detected across this study, as well as the status of their trends (with the majority stable or increasing), the protected lands of the District appear to be important for maintaining a diverse breeding bird community in Marin County. Monitoring of the avian community at the long-term District monitoring sites should continue on the same temporal basis as the prior surveys to continue tracking the status of these species, and to provide information to land managers essential to inform adaptive management actions.

### **OSPREY**

#### **Current Status**

The local population of osprey nesting at Kent Lake has been monitored for decades, beginning in the mid-1960s, and its overall trend has been initial growth, followed by a plateau, and then a slight decline.<sup>7</sup> The results from the

latest survey (2022),<sup>8</sup> which found low reproduction metrics, suggest that the colony at Kent Lake remains viable, although in diminished capacity. Findings from these surveys are considered useful for recreation planning purposes because of this species being a good indicator of aquatic health and level of human disturbance, and nesting density is indicative of carrying capacity.

#### **Research Findings**

During the 2022 season, 20 nest sites were located and classified as either empty, occupied, active, or unknown. Of all osprey nests identified in 2022, 55% were classified as occupied and 40% were classified as active. The ratio of active to occupied nest sites observed was above the decadal average, although uncertainty may have biased this relationship. Overall, numbers in each category were well below the 18-year means. The apparent downward trend in the number or occupied nests reported in the several earlier monitoring reports (2009 to 2021) was again apparent in 2022 (Table 2). The numbers of occupied nests in 2020/2022 were the lowest since the inception of the study.

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7. Avocet Research Associates, LLC. 2020. Osprey (*Pandion haliaetus*): the 2019 Nesting Season Kent Lake Reservoir, Marin Water, Marin County, California. Final report to: Marin Water. 29 June 2019; Revised 9 Jan 2020. <https://www.marinwater.org/sites/default/files/2020-10/Osprey%20%28Pandion%20haliaetus%29%20-%20The%202019%20Nesting%20Season.pdf>.

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8. Avocet Research Associates, LLC. 2023. Osprey (*Pandion haliaetus*): the 2023 Nesting Season Kent Lake Reservoir, Marin Water, Marin County, California. Final report to: Marin Water. 2 October 2023.

**Table 2. Numbers of Osprey nest sites and their status: 2003-2023**

In the “occupied” column, values in parentheses for each year indicate the percentage of use relative to available sites. In the “active” column, values in parentheses represent the ratio of active to occupied nests. In the bottom row, averages are followed by the standard deviation in parentheses.

<b>YEAR</b>	<b>TOTAL NEST SITES</b>	<b># OCCUPIED</b>	<b># ACTIVE (A:O)</b>
2003	4	42 (0.86)	Unknown
2004	53	45 (0.85)	18 (0.40)
2005	59	50 (0.85)	44 (0.88)
2006	54	44 (0.82)	37 (0.84)
2007	52	42 (0.81)	29 (0.69)
2008	50	42 (0.84)	21 (0.50)
2009	49	43 (0.88)	27 (0.63)
2010	42	31 (0.74)	27 (0.87)
2011	46	34 (0.74)	28 (0.82)
2012	40	32 (0.80)	27 (0.84)
2013	40	28 (0.70)	19 (0.68)
2014	36	25 (0.69)	14-25 (0.56-1.00)
2015	33	28 (0.85)	21 (0.75)
2016	31	19 (0.61)	16 (0.84)
2017	38	26 (0.68)	20 (0.77)
2018	29	19 (0.66)	13 (0.68)
2019	24	19 (0.79)	12 (0.63)
[2020]	20	11 (0.55)	9 (0.82)
2021	22	13 (0.59)	9 (0.69)
2022	20	11 (0.55)	8 (0.73)
2023	15	9 (0.60)	7 (78)
<b>21-year avg (sd)</b>	<b>38.1 (12.2)</b>	<b>29.2 (12.8)</b>	<b>20.6 (9.8)</b>



Bald eagle presence within the colony may have been a contributing factor to the decadal decline in the Kent Lake osprey population. Like Kent Lake, the Inverness Ridge population apparently had a poor reproductive year in 2020 to 2022. Regionally, the San Francisco Bay population, which nests almost exclusively on man-made structures, is apparently strong and growing. Conversely, the older clusters (“colonies”) at Kent Lake and Inverness Ridge appear to be trending downwards.

- The colony has had only modest reproductive success since a bald eagle pair arrived in 2008, which may be pressuring osprey directly through antagonistic interactions, and indirectly through prey and nest site competition.
- Changing ecological conditions may be affecting fisheries and foraging success, although foraging within Kent Lake is rather limited, and birds apparently commute to other reservoirs, coastal estuaries, or San Pablo Bay to forage.
- The Kent Lake colony was founded about 50 years ago and may be approaching senescence or changing patterns of recruitment.

- Numbers of active osprey nests have increased around San Francisco Bay over the past decade, indicating a shift in regional distribution—away from the District. Although not systematically surveyed, numbers of nests along Inverness Ridge, west of Kent Lake, also had relatively low success rates in 2018 and 2019, mirroring Kent Lake’s pattern and supporting this hypothesis.
- Heavy precipitation in May 2019 may have thwarted reproductive success in West Marin and San Francisco Bay—inclement weather during incubation and chick rearing could limit foraging success and nestling survival. Both sites had a relatively high degree of nest failures during that year.

#### ***Planning and Management Recommendations***

Surveys should regularly occur and continue to follow a consistent protocol to ensure findings are comparable across time. This study approach is necessary to track environmental changes that may affect this species, including from recreation. Consideration of establishing artificial nesting platforms and/or performing forestry management that would augment nesting trees/snags should be made to help stabilize the population.

## NORTHERN SPOTTED OWL

### *Current Status*

Northern spotted owls in the One Tam area of focus are considered in “good” condition. Pair occupancy of territories has ranged from 74% to 97% of nests surveyed, depending on the year, with an average pair occupancy of 87%. Fecundity has been variable, but within an acceptable range, and barred owls have only recently been detected in monitored areas in Marin County.

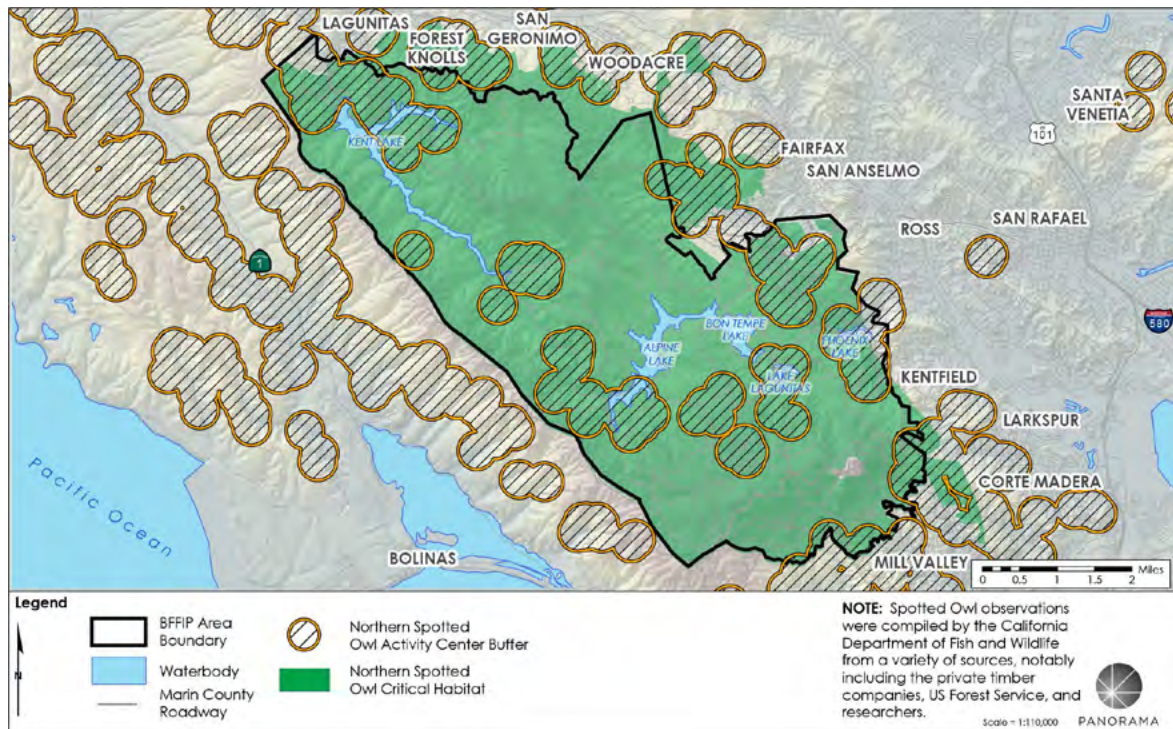
### *Research Findings*

Of the 47 non-inventory sites surveyed in 2022 (46 previously known sites and one new site confirmed this year), 41 (87%) were occupied by pairs, three (6%) by resident singles (two males and one female), and one (2%) had single unknown status (classified as “unknown-combined”). Two sites were unoccupied by the Marin protocol in 2022; however, since spotted owls were detected at both sites in 2021, these sites would not be listed as unknown under U.S. Fish and Wildlife Service protocol until a second consecutive year of no spotted owl detections. The percentage of sites occupied by pairs in 2022 was slightly below the 1999 to 2022 study average (91%) and the percentage of sites occupied by resident single owls was above the study average (3%).

Of the 41 sites that were occupied by pairs in 2022, 30 (73%) were known to attempt nesting, which is above the 1999 to 2022 study average (63%). Twenty-one (73%) of 30 nests were successful (i.e., produced at least one fledgling), which is below the 2000 to 2022 study average (78%, excluding 1999 when nest outcome was unknown for 25%—a relatively high proportion—of pairs surveyed). Fecundity was 0.45 in 2022, just above the study average (0.42). The fecundity trend over time is slightly negative, but there is little evidence ( $P > 0.05$ ) that the trend is significantly different from zero (slope coefficient = -0.005, p-value = 0.349).

Four barred owls were detected at two sites in Marin County in 2022, and none were detected on Marin County Parks or Marin Water lands; one pair was located at a Point Blue-monitored site in Mill Valley, and the other pair was located by National Park Service biologists at one of their study sites. All four individuals were collected as part of a research project led by the University of Wisconsin in conjunction with the California Academy of Sciences. Objectives of this ongoing research are to study barred owl genetics, diet, and exposure to rodenticides, as well as to study how spotted owls respond to barred owl removals.

**Map 9. Northern Spotted Owl Territory and Critical Habitat in the Mt. Tamalpais Watershed**



Sources: (USGS, 2016; ESRI, 2016; Natural Resource Geospatial Geodata Systems Development GIS / Information Services and U.S. Fish and Wildlife Service, 2012; CDFW, 2017a)

### ***Planning and Management Recommendations***

Continued annual monitoring of the spotted owl population, and the continued sharing of information and work with land managers, will reduce potential adverse impacts of projects on spotted owls. To date, the ongoing monitoring of northern spotted owls shows that current Watershed visitation does not seem to be impacting spotted owl habitat or nesting activities. Research partnerships across the county focused specifically on barred owls and their impacts on spotted owls is a long-term need for Marin County.

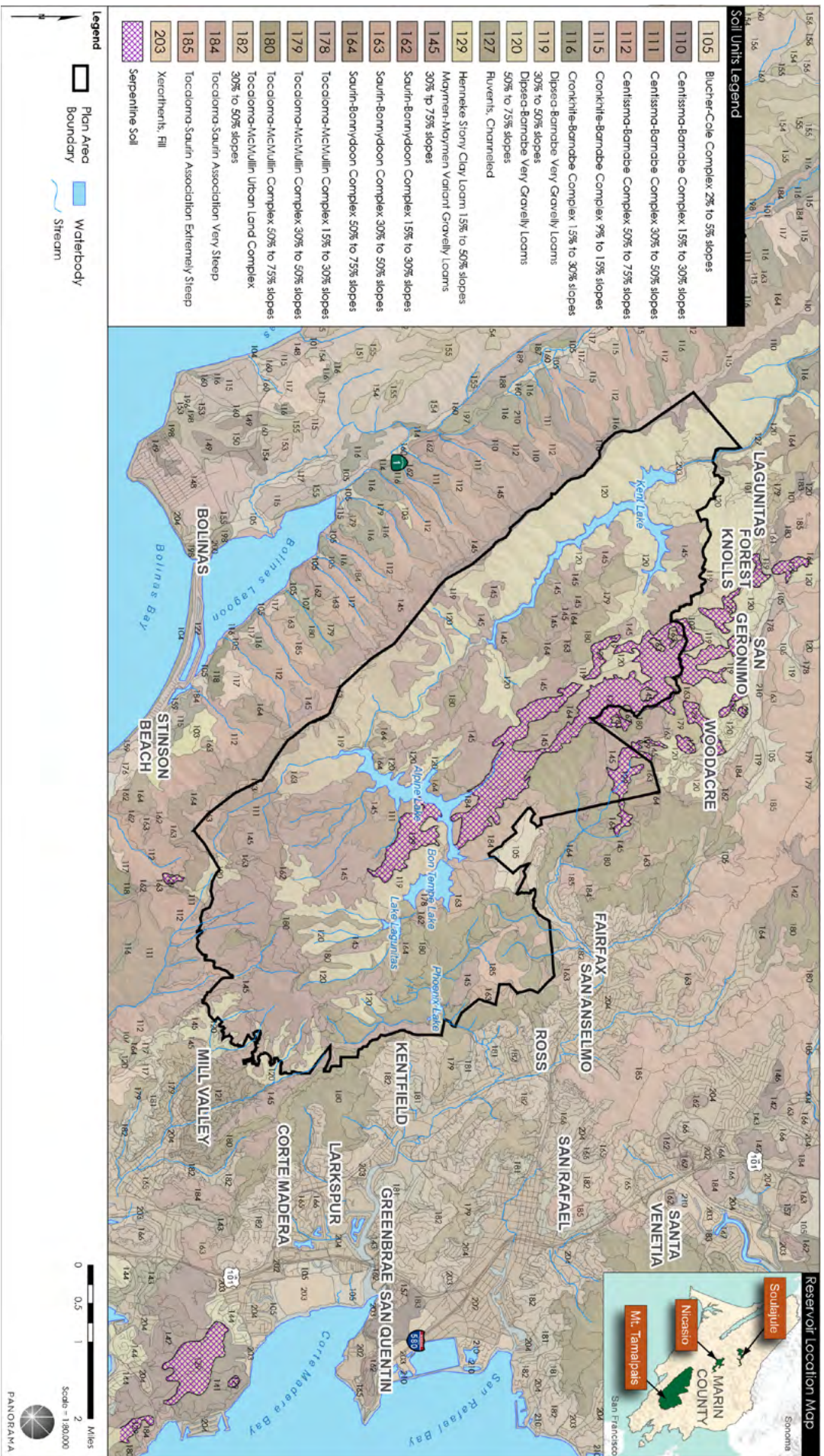
Planning efforts seeking to evaluate recreation access or management infrastructure should work to avoid disturbance during sensitive nesting seasons. Surveys and monitoring to inform management and Watershed operations have proven to be effective methods for protecting northern spotted owls on the Watershed and on other public lands in Marin County.

### **Geology and Soils**

The soil types within the watershed are shown on Map 10. Soils and geology are a key consideration in the planning of roads and trails.



Map 10. Soil Types Within the BFFIP Area



Source: (Main Municipal Water District Sky Oaks Watershed HQ, 2015; USGS, 2012; NRCS, 2004; ESRI, 2017)



## Regulatory Context

The District is regulated by state law<sup>1</sup> and recreational use of the Watershed must be specifically authorized by the state-issued Water Supply Permit, which was last done in 1992. The District also has its own board policies<sup>2</sup> and regulations<sup>3</sup> and must operate within this unique framework while adhering to state and federal environmental regulations.

## Historical Context

Established in 1912 as the first municipal water district in California, Marin Water has forged a path for other districts, while continuing to create a truly unique environment for natural and human needs to coexist in a mutually beneficial relationship. Since

1916, the District has been managing natural resources sustainably to provide the public with high-quality water. The District has allowed public recreational access to its Watershed lands since 1917 when it was issued its first Water Supply Permit by the state, with the requirements that “practical watershed sanitation and patrol” be established before recreation may be allowed.



Tourists on the Plankwalk Trail at East Peak in the early 1900s



Hikers on Mt. Tam in the early 1900s

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1. California Code of Regulations Title 17 7625-7629, Water Code Section 71660, Health and Safety Code Sections 115825-115850

<https://regulations.justia.com/states/california/title-17/division-1/chapter-5/subchapter-1/group-4/article-5/>

[https://california.public.law/codes/ca\\_health\\_and\\_safety\\_code\\_div\\_104\\_part\\_10\\_chap\\_5\\_art\\_1](https://california.public.law/codes/ca_health_and_safety_code_div_104_part_10_chap_5_art_1)

[https://california.public.law/codes/ca\\_water\\_code\\_section\\_71660](https://california.public.law/codes/ca_water_code_section_71660)

2. Board Policy No 7: <https://www.marinwater.org/sites/default/files/2020-10/Marin%20Water%20Board%20Policies.pdf>

3. District Code, Title 9: <https://www.marinwater.org/sites/default/files/2020-09/Land%20Use%20Regulations.pdf>

## Partnership Context

### Golden Gate Biosphere Network

UNESCO identified 13 protected areas within the Golden Gate Biosphere, including the Mt. Tamalpais Watershed, for their unique and globally significant biodiversity. The Golden Gate Biosphere Network is a collection of scientists, government and nonprofit leaders, and community ambassadors who help protect the rich biodiversity throughout the Golden Gate Biosphere. This network brings together partners to promote scientific research, education, conservation, and sustainable development within the Biosphere Region. The District has been an active partner in this network since its inception in 1988.

### Collaboration with One Tam

One Tam partners:

- Marin Water
- National Park Service
- California State Parks
- Marin County Parks
- Golden Gate National Parks Conservancy



*Patrolman (Ranger) Joe Zappella and hikers at Potrero Camp in the 1950s*

Formed in 2014, the One Tam partnership helps coordinate and enhance the stewardship work of the four agencies that manage the mountain's interconnected public lands and the nonprofit Golden Gate National Parks Conservancy. One Tam's goal is to increase capacity across these agencies while providing an invaluable forum to identify and pursue collective goals and shared stewardship of these public lands. One Tam leverages the skills and resources of each partner and inspires community members to support the long-term stewardship of Mt. Tamalpais. That coordinated approach allows the mountain's land managers to work together in a way that reflects this holistic view, and builds on the community's long history of conservation, stewardship, and giving. It also allows the partnership to better combine best available science and channel resources to where they are needed to understand and care for the mountain's habitats and wildlife across jurisdictional boundaries.



**Table 3. Literature Reviewed**

<b>DOCUMENT NAME</b>	<b>AGENCY</b>	<b>YEAR</b>
Bike Regulations and Issues	Marin Water	1977-1987
Mt. Tamalpais State Park General Plan	California Department of Parks and Recreation	1979
Watershed Use and Protection Policies Memorandum	Marin Water	1979
Draft Master Plan for Recreation Use	Marin Water	1988
Water Supply Permit Application Approval	Marin Water; State Department of Health Services	1992
The Potential for Conflict between Mountain Bikers and Hikers Using the Trail System of Mt. Tamalpais Watershed, California	University of Idaho, College of Natural Resources	1993
<a href="#">Draft Guidelines for Evaluating Applications for Recreational use Permits at Domestic Water Supply Reservoirs</a>	State Water Resources Control Board, Division of Drinking Water	2000
S.B. 271 Watershed Assessment and Erosion Prevention Planning Project for the Redwood Creek Watershed Summary Report	Marin Water; National Park Service; California Department of Fish and Game; Muir Beach Community Services District	2000
<a href="#">Mt. Tamalpais Watershed Policy Title 9</a>	Marin Water	2002
Mt. Tamalpais Watershed Road and Trail Management Plan	Marin Water	2005
Recreational Use Permits at Domestic Water Supply Reservoirs Memorandum	State Water Resources Control Board	2006
Lagunitas Creek Stewardship Plan	Marin Water	2011
Mt. Tamalpais Visitor Use Census and Survey	Marin Water	2013
Golden Gate National Recreation Area and Muir Woods National Monument General Management Plan/Environmental Impact Statement Volume II	National Park Service	2014
Road and Trail Management Plan	Marin County Open Space District (MCOSD)	2014
Watershed Sanitary Survey Update	Marin Water	1995-2020
<a href="#">Measuring the Health of a Mountain: A Report on Mount Tamalpais' Natural Resources</a>	Tamalpais Lands Collaborative (TLC)	2016

<b>DOCUMENT NAME</b>	<b>AGENCY</b>	<b>YEAR</b>
<a href="#"><u>Mount Tamalpais SP Department of Parks and Recreation Fiscal Year Attendance (1995-96 to 2017-2018)</u></a>	California State Parks	2018
<a href="#"><u>Amendment of the Mt. Tamalpais Watershed Road and Trail Management Plan (RTMP) - Restoration of Azalea Hill</u></a>	Marin Water	2019
<a href="#"><u>Biodiversity, Fire, and Fuels Integrated Plan (BFFIP)</u></a>	Marin Water	2019
<a href="#"><u>E-Bike Recommendations</u></a>	Marin Water	2020
<a href="#"><u>Watershed Recreation Plan Summary Memo and Scoping Materials</u></a>	Marin Water; Golden Gate National Parks Conservancy (GGNPC)	2021
<a href="#"><u>One Tam Annual Work Plan Draft</u></a>	TLC	2021
<a href="#"><u>California Regulations Related to Drinking Water</u></a>	State of California	2021
<a href="#"><u>California Health and Safety Section Regarding Recreational Use of Reservoirs</u></a>	State of California	2021
<a href="#"><u>Park and Recreational Use of the Watershed</u></a>	Marin Water	2021
<a href="#"><u>Strategic Water Supply Assessment</u></a>	Marin Water	2023

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A blue-tinted photograph of a forested hillside. In the foreground, a group of people is walking through a grassy field. The background shows a dense forest of trees on a hillside under a clear sky. An orange semi-circular graphic element is overlaid on the left side of the image, containing the text.

## **Public Access on the Watershed Today**



# EXISTING POLICIES, FACILITIES, AND PROGRAMS

Marin Water is truly unique among water districts in both the remarkable ecological value of its lands and the level of public access it provides to people with a wide range of abilities and recreational interests. This includes the 150 miles of maintained trails and roads that connect the community to this place and allow them to immerse themselves in its beauty. This public access fosters a collaborative working relationship between the community and the District while managing the land to protect its rich biodiversity. Providing this level of public access on the Watershed lands is a foundational aspect of the District, with Board Policy 7 highlighting that “the Watershed is held in trust as a natural wildland of great biological diversity, as scenic open space and as an area for passive outdoor recreation for Marin and much

of the Bay Area.”<sup>1</sup> The policy works in tandem with District Code, Title 9 to ensure that lands stay open to the public, are managed with effective stewardship and protection criteria.<sup>2</sup>

Furthermore, the District provides access to recreation on the Watershed in accordance with state laws to assure adequate sanitation facilities and patrol staff to control and supervise recreational users, and where non-body contact recreation does not adversely impact the quality of water in domestic water supply reservoirs.<sup>3</sup>

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1. Board Policy No 7: <https://www.marinwater.org/sites/default/files/2020-10/Marin%20Water%20Board%20Policies.pdf>

2. District Code, Title 9: <https://www.marinwater.org/sites/default/files/2020-09/Land%20Use%20Regulations.pdf>

3. Water Code Section 71660, CCR Title 17 7625-7629, CA Health and Safety Code Sections 115825-115850

## Existing Road and Trail Management Plan (RTMP)

The 2005 Mt. Tamalpais Watershed RTMP provides a description of all Watershed roads and trails, as well as a detailed work plan for how to manage this system, minimize its impacts, and continue to protect water quality, natural resources, and ecosystem services. The RTMP's goals include:

1. To improve water quality and minimize sediment into the creeks and reservoirs
2. To reduce the impact of the road and trail network on wetlands, riparian areas, other environmentally sensitive habitats, and special-status plant and animal species
3. To reduce the impact of the road and trail network on the Watershed's natural ecological functions

The Watershed's road and trail network is composed of 94.5 miles of fire roads and 57.5 miles of system trails. In addition, the RTMP noted over 50 miles of non-system trails that are not managed (unmaintained, abandoned, or non-sanctioned) by Marin Water. Maps 1 and 2 on the following pages illustrate the road and trail network.

Figure 2. Road and Trail System

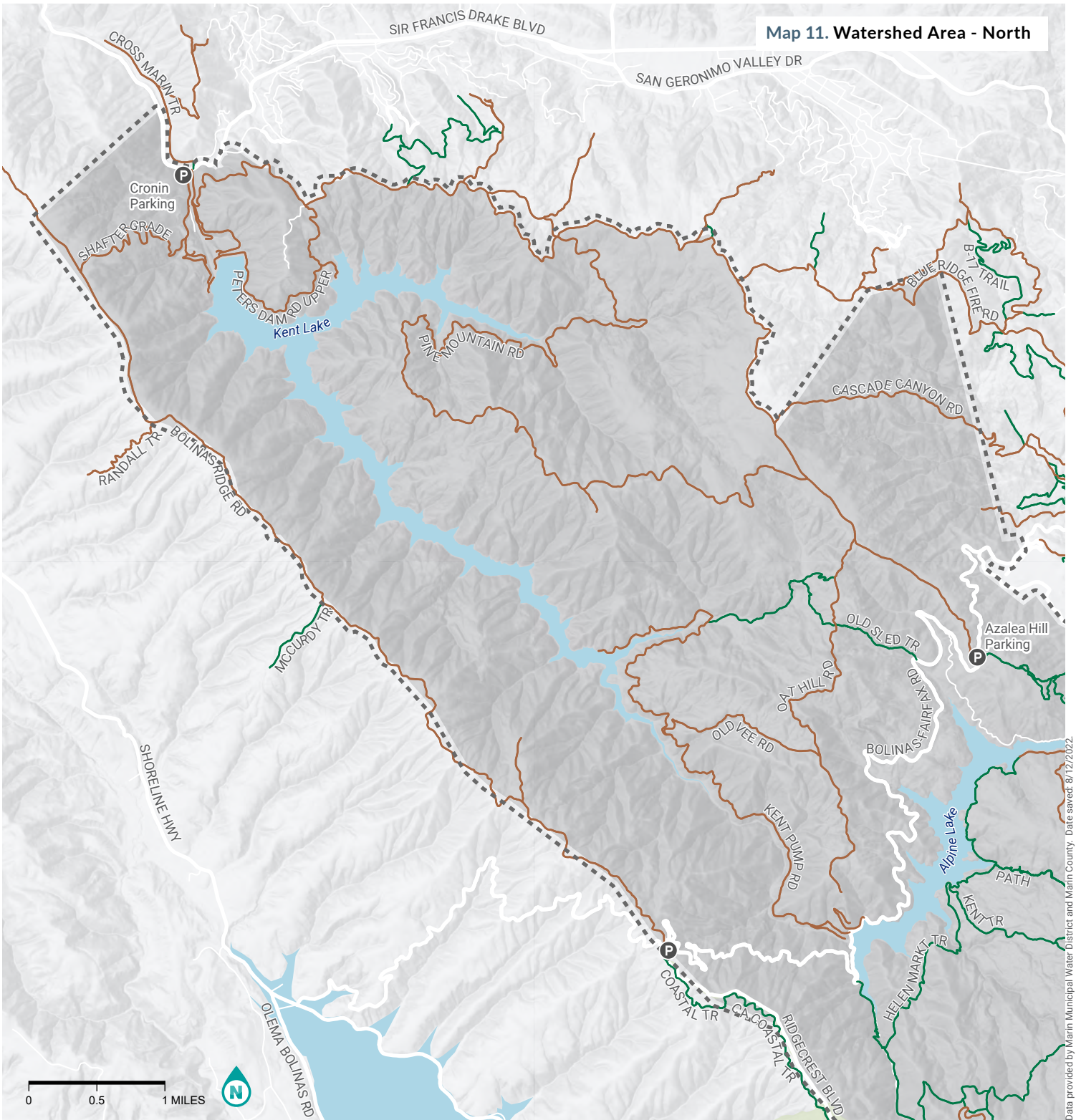


The RTMP has three main objectives:

1. To make decisions regarding the existing road and trail network (i.e., inventory and categorize the roads and trails and identify which of them the District should officially recognize as system roads and trails)
2. To implement best management practices and environmental protection measures in the upgrade and maintenance of the roads and trails in the Watershed
3. To devise a system for managing all the roads and trails in the Watershed

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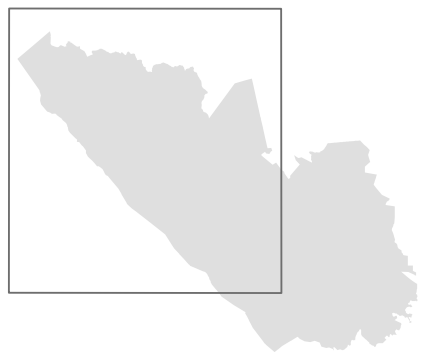
Map 11. Watershed Area - North

# WATERSHED AREA NORTH

MARIN WATER ROADS & TRAILS MANAGEMENT PLAN (RTMP)

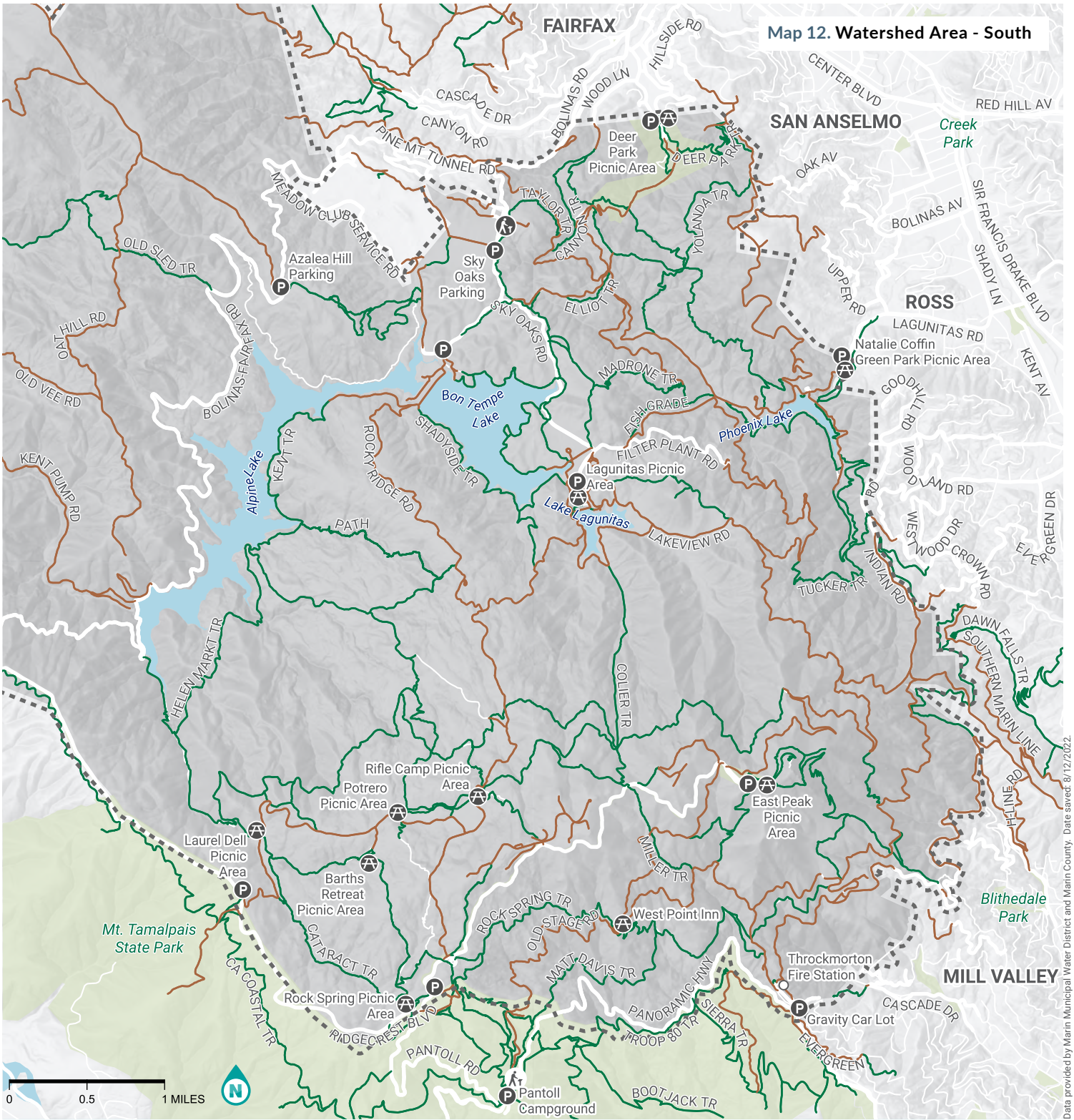
## DESTINATIONS + BOUNDARIES

- Parking
- Picnic Area
- Sky Oaks Ranger Station
- Fire Roads
- System Trails
- Park
- Water
- Watershed Boundary
- \*Paved roads are shown in white



Data provided by Marin Municipal Water District and Marin County. Date saved: 8/12/2022.





Data provided by Marin Municipal Water District and Marin County. Date saved: 8/12/2022.

## WATERSHED AREA SOUTH

MARIN WATER  
ROADS & TRAILS  
MANAGEMENT PLAN (RTMP)

### DESTINATIONS + BOUNDARIES

- Parking
- Picnic Area
- Sky Oaks Ranger Station
- Pantoll Ranger Station
- Fire Roads
- System Trails
- Park
- Water
- Watershed Boundary
- \*Paved roads are shown in white

\*Azalea Hill alignment is under development



The RTMP was initially adopted over 20 years ago. In 2007, the Pacific Watershed Associates issued the Lagunitas Creek Assessment and Erosion Prevention Planning Project as a guide for future projects. It documents erosion and sedimentation along roads and trails, and strategies used to minimize these impacts, as well as strategies for signage, public information, and enforcement with the goal of minimizing or eliminating use of non-system roads and trails. The official road and trails system includes 94.5 miles of roads and 57.5 miles of trails, and classifies those roads and trails based on their use and characteristics. See Table 3: Roads Classifications and Table 4: Trails Classifications for more information.

As Watershed conditions are dynamic, this feasibility study identifies a process for making amendments to the RTMP to address changed conditions and new information. The District will use lessons learned from implementation of the RTMP and continuously review and make changes as necessary to use staff resources effectively and efficiently.

In May of 2019, Marin Water adopted an amendment to the RTMP for the restoration of Azalea Hill.

This amendment proposed to:

- Remove approximately 4.4 miles of non-system roads and trails and restore those routes to natural conditions to improve habitat and water quality.
- Adopt and improve a 1.9-mile Class IV road comprising the existing Liberty Gulch Road (1.2 miles) and convert an existing non-system trail (0.7 miles) to the wider, small vehicle route.
- Improve the hiking and equestrian route over Azalea Hill by correcting erosion and drainage problems along approximately 1.1 miles of existing Class VI trail, rerouting the trail around sensitive plants and adopting 250 feet of an existing non-system trail.
- Treat the Azalea Hill parking lot to correct its erosion problems and improve the visitor amenities. Upon its completion, the project would prevent up to an estimated 219 cubic yards of sediment from entering Azalea Hill's creeks and Alpine Lake annually, and would restore approximately one acre of habitat.
- Consolidate use on the two existing routes proposed for upgrades and provide a much-needed connection and safety improvement between the south and north lake areas.



## Existing Facilities

### Fire Roads

There are 94.5 miles of roads on Marin Water lands, and these roads are classified from I to V based on their use and characteristics. Of these roads, 90.8 miles are available for public use.



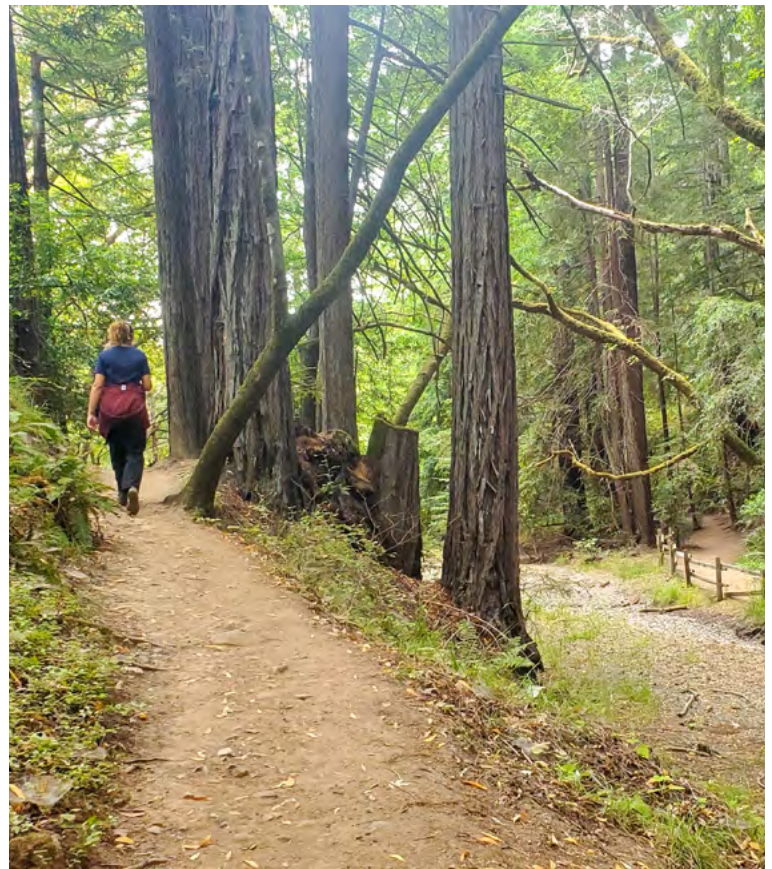
*Cyclists and pedestrians on a fire road*

**Table 4. Roads Classifications**

CLASSIFICATION	ROAD TYPE	CHARACTERISTICS	MILES
Class I	Paved roads	High traffic volumes, year-round access to critical facilities, main ingress and egress routes for the Watershed.	17.6
Class II	All season unpaved roads	Receive regular use, typically have hardened surfaces, provide access to important water infrastructure and crucial Watershed management.	44.2
Class III	Seasonal unpaved roads	Serves as emergency and recreational access. Typically unsurfaced, narrower than Class I and II roads. Closed to vehicle traffic in the winter.	24.5
Class IV	Small vehicle, unpaved roads	Primary use for patrol and route connectivity. Unsurfaced. Some sections only passable with small vehicles (i.e., ATV quads or small “bobcat” sized tractors). Limited truck and heavy vehicle traffic. Seasonal closures may apply.	4.5
Class V	Restricted roads	Roads with special use restrictions (e.g., FAA facility).	3.7
<b>TOTAL</b>			<b>94.5</b>

## System Trails

There are 57.5 miles of system trails on Marin Water lands, and they are classified from Class VI to IX based on their use and characteristics. *Class X is a reserved classification type for future classifications as needed.*



Hiker on Ord Trail at Phoenix Lake

**Table 5. Trail Classifications**

CLASSIFICATION	ROAD TYPE	CHARACTERISTICS	MILES
Class VI	Equestrian trails	Substantial infrastructure improvements required to support use. Seasonal closures may apply.	17.8
Class VII	High use hiking trails	Hikers only. High to medium level of use and maintenance. Can be an important trail connector. Infrastructure improvements consistent with use levels.	26.2
Class VIII	Moderate use hiking trails	Hikers only. Medium to low level of use. Not an important trail connector. Little to no trail infrastructure improvements. Seasonal closures may apply.	11.8
Class IX	Backcountry trails	Hikers only. Low level of use. Minor maintenance. Not an important trail connector. Rustic-style trail infrastructure improvements only. Typically farthest from parking areas and towns.	1.7
Class X	Reserved	This classification is reserved for future use.	N/A
<b>TOTAL</b>			<b>57.5</b>



## Non-System Trails/Project Restore

In the 2005 RTMP, the District identified over 50 miles of unrecognized roads and trails in the Watershed, referring to these trails as “non-system.” In addition, Marin Water decommissioned numerous previously recognized trails, which are now designated as “non-system” trails in order to help protect both water quality on District lands and many natural resources. Marin Water is aware that outdated or inadequate road and trail design can lead to undesirable environmental impacts ranging from water quality impairment to wildlife movement barriers and habitat loss. Non-system trails are difficult for the District to address in addition to maintaining their approved trail system. Currently, the District addresses non-system trails based on the work plan included in the 2005 RTMP.

The RTMP provides criteria for prioritizing projects and strategies for implementing restoration projects, including:

1. Communicate official routes to Watershed visitors through public outreach platforms
2. Prioritize District response to non-system trails based on select criteria
3. Develop a range of management guidelines and actions for non-system routes
4. Enforce strategies to support management actions



*Project Restore has added signage for decommissioned non-system trails*

## **Parking, Restrooms, Trailheads, etc.**

There are approximately 98 entrance points to the Watershed, 38 of which are major entry points. The Watershed is open to public use for a half hour before sunrise until a half hour after sunset. Closing and opening times change seasonally. There are 25 portable restrooms, six in-service pit toilets, and two permanent restrooms (one located at West Point Inn); additional facilities are also available on State Parks lands adjacent to Watershed entrances at the top of Mt. Tamalpais.

There are 13 official Marin Water parking areas in the Mt. Tamalpais Watershed and several unofficial areas where visitors utilize street parking. Parking passes are required for all vehicles entering the Mt. Tamalpais Watershed via Sky Oaks Road off Fairfax-Bolinas Road. Parking is free for vehicles with disabled placards.

### **DAY USE PARKING PASSES**

Day use parking passes can be purchased from an automated pay station located at the Sky Oaks Headquarters entrance kiosk. The automated pay station accepts credit cards and small bills. Coins and \$20+ bills are not accepted at the pay station. Exact payment is recommended because the automated pay stations cannot make change.



*Vehicles accessing the Watershed from Sky Oaks Road*

Day parking pass fees are:

- Passenger Vehicle: \$8.00
- Vehicle with Trailer: \$15.00
- Bus (15+ passengers): \$30.00

### **ANNUAL PARKING PASSES**

An annual parking pass can be purchased online or by check, and will be mailed when the transaction has been completed and approved. A receipt can be used in place of the new parking pass for two weeks after purchase.

Annual parking pass fees are:

- Senior (age 62 or older): \$30.00
- Marin Resident: \$60.00
- Out of County Resident: \$100.00
- Vehicle with Trailer: \$100.00

Parking citations issued by Marin Water rangers can be paid online, by mail, or by phone. Payment plans are available for persons who qualify for indigent status. Citations may be contested within 21 calendar days of issuance by requesting an administrative review.



**Table 6. Prohibited Activities on Watershed Lands** \*per District Code, Title 9

ACTIVITY	SAFETY CODE
 Boating	CA Water Supply Permit; District Code (DO) §9.02.07
 Swimming/wading	CA Health and Safety Code Sections 115825-115850; CA Water Supply Permit; DO §9.02.06
 Camping	DO §9.02.08
 Skateboarding, roller skating, or mountain boarding	DO §9.02.10
 Golfing	DO §9.02.10
 Operating a motor-driven model airplane, boat, or automobile	DO §9.02.10
 Metal detecting	DO §9.02.10
 Fireworks	DO §9.02.10
 Smoking	DO §9.07.03
 Games	DO §9.02.10
 Damaging, removing, collecting natural elements, or unauthorized trail building	DO §9.03.06
 Selling or offering to sell goods, merchandise or services, including distributing handbills, stationing a stand, or conducting commercial photography	DO §9.02.18
 Operating audio equipment, amplified musical instrument, or other noise- producing or transmitting device	DO §9.02.12
 Possessing or using any firearm or weapon, including any air rifle, spring gun, paint ball gun, bow and arrow, sling, animal trap, knife with blade over five inches long, explosive, or other forms of weapons	DO §9.02.11
 Running and jogging on roads and trails are restricted unless signage expressly permits it on specific roads and trails.	DO §9.02.09

## Existing Visitor Management

### Hikers

Hikers are allowed on all public trails and roads within the District including over 150 miles of trails and unpaved roads. Much of the existing trail network connects to neighboring national and state parks as well as county open space lands. Unlike most Watershed open spaces, dogs are welcome on trails and fire roads as long as they are leashed and under the control of their owner at all times. Based on existing regulations, hiking is not restricted exclusively to system trails and fire roads; however, hikers are highly encouraged to stay on approved system trails in order to reduce potential impacts on sensitive ecological resources. Hikers choosing to travel off system trails have contributed to persistent non-system trails, which are a significant challenge within areas under the Project Restore program.

### Bicyclists

Currently, bicycles are allowed on over 90 miles of fire roads throughout the District; operation and possession of a bicycle on trails is prohibited.<sup>1</sup> Bicyclists are limited to a maximum speed of 15 miles per hour (mph) while traveling within the Watershed and are required to travel at 5 mph when passing

1. District Code, Title §9.04.02, Bicycles



A newt crossing sign, designed by fourth graders at Brookside Elementary

others on the road or navigating blind turns. The District is in the process of evaluating policy options regarding e-bikes, which are currently not allowed on the Watershed. Bicyclists are also known to create and utilize non-system trails in a similar fashion as hikers.

### Equestrians

Marin Water allows horses on unpaved roads and designated trails on the Watershed. Horses are not allowed to enter streams or reservoirs, go off trail, cross country, or graze on the Watershed. Additionally, they may not get up to a gallop and should not be tied within 50 feet of picnic areas. State guidelines for recreational use on or around domestic water supply reservoirs state that any trails open to equestrians must be set back at least 100 feet from the reservoir's high water level.

## Fishing

Fishing is allowed at all seven District reservoirs and is regulated by the California Department of Fish and Wildlife. Fishing is not permitted from dams, within 500 feet of a water intake, or where indicated. Fishing is allowed in Lagunitas Creek between Alpine Dam and Kent Lake during trout season. All other streams or creeks are closed to fishing year-round.

Fishing licenses are required for anyone 16 years of age and older. District park rangers, Department of Fish and Game officials, and other law enforcement personnel are authorized to issue citations for violations, confiscate fish, and impound fishing gear upon violation of regulations. Additionally, no person shall clean or dispose of fish in any District waters or lands, except in District trash receptacles.

## Picnicking

There are eight official Marin Water picnic areas in the Mt. Tamalpais Watershed and numerous unofficial destinations where visitors choose to eat. Picnic areas are open daily from sunrise to sunset. Fires are only permitted at permanent fixed barbecues, camp stoves, or fireplaces established by the District; fires may be prohibited at these locations during fire season. Portable stoves are prohibited throughout the District.



*District information kiosk with a recreation management poster*

## Watershed Signage

The District maintains three types of signs: directional, regulatory, and informational. Signs are an effective way to communicate destinations and route locations. The District also uses signs to post use restrictions, regulations, important information, and/or maps. Proper signage is required to communicate the regulations and laws on the Watershed. Listing prohibited activities is necessary to effectively enforce existing rules and regulations, especially if a citation is taken to traffic court. When a sign is necessary to keep people off a non-system trail, it will clearly state that “all users” should keep off and briefly mention the reason why (e.g., habitat restorations, environmentally sensitive areas, or erosion). The most prominent signs are the 10 informational kiosks located at busy trailheads and parking areas.

## Trails/Roads Regulations

No person shall operate any motor vehicle, including but not limited to, cars, trucks, motorcycles, motor-driven cycle, motorized bicycle, motorized scooter, self-balancing motorized personal transportation vehicle or similar vehicles on District lands except upon public roads or parking lots (District Code [DO] §9.04.01).

Bicycles may not be used on trails; however, they are allowed on some protection roads. E-bikes are currently not permitted.

No person shall park any motor vehicle for more than 12 consecutive hours, nor earlier than 30 minutes before sunrise, nor later than 30 minutes after sunset on any day (DO §9.04.02).

Equestrians must be at least 100 feet from the reservoir's high water level (CA Water Supply Permit).

Maximum speed limit for all motor vehicles and bicycles is 15 mph, unless otherwise posted; however, speeds shall be reduced as conditions warrant. Bicycles are required to slow to 5 mph when passing others using District lands or approaching blind turns (DO §9.04.03).



*Regulation sign at Lake Lagunitas*

## Permit Fees

Land Use permits are required for the following activities:

- Fishing (state license)
- Group activities with more than 20 participants
- Group activities of any size that are hosted by a commercial business
- Commercial filming and photography
- Scientific research activities



## Filming and Photography

Professional filming and photography are allowed on the Watershed provided all District regulations are followed. Land Use permit fees are as follows:

### **FILMING**

All fees must be paid in advance and are subject to change.

- \$2,000 per day, or for any part of the day.
- \$1,000 to \$2,000 per day for setup in preparation of filming.
- \$1,000 to \$2,000 per day for takedown, prop removal, or cleanup.
- \$2,000 per day for helicopter landing at designated helipad only. Refueling helicopters on the Watershed is not permitted. There is one helipad at Peters Dam and one at West Peak.
- \$116.16 per hour, per staff person for on-site monitoring, which may be required based on the scope of the project and the determination of the Watershed manager. This rate shall be adjusted annually based on District costs, including vehicle rates and overhead charges.

### **PHOTOGRAPHY**

\$100 to \$1,000 per day, depending upon the scope of the project.



*Regulation sign at Sky Oaks entrance*

### **GROUP ACTIVITIES**

For group activities with more than 20 participants, a \$150 fee will be assessed.

### **CANCELLATIONS**

Cancellations must be made at least three days prior to filming date in order to receive a full refund. Cancellations less than three days prior to the filming date will receive a 50% refund. Please note that cancellations made on the scheduled filming date may be subject to an additional charge of four hours of the District's staff time at \$116.16 per hour.

## Ongoing Stewardship Activities

District rangers, some of whom live on the Watershed, are the lead stewards of these lands. This includes their patrols and enforcement activities to ensure behavior on the Watershed adhere to District and state regulations and policies.

Marin Water staff conduct maintenance work on the roads and trails system as well as gather natural resources data through mapping existing resources, updating ongoing environmental monitoring and data inventories, ensuring legal compliance, and conducting fisheries monitoring and restoration. These staff members are instrumental in ensuring regular site maintenance and ongoing stewardship throughout the watershed.

In recent years the District has focused volunteer programs and events around habitat restoration to help address invasive plants and educate the community about the ecological impacts these can have on the Watershed.

### One Tam Collaboration

The open spaces on Mt. Tamalpais are a mosaic of interlocking protected areas primarily managed by four public agencies: Marin Water, National Park Service, California State Parks, and Marin County Parks. These agencies have the honor of protecting some of the most beautiful, ecologically rich, and well-loved open spaces in the region, and an important source of drinking water for Marin County residents. The One Tam partnership was formed in 2014 to increase capacity across these agencies while providing an invaluable forum to identify and pursue collective goals and shared



Stewardship workshop



*One Tam collaboratively stewards land on Mt. Tamalpais*

stewardship of public lands. Together with the nonprofit Golden Gate National Parks Conservancy, One Tam leverages the skills and resources of each partner and inspires community members to support the long-term stewardship of Mt. Tamalpais.

Mt. Tamalpais is a single, interconnected place. One Tam offers a coordinated approach that allows the mountain's land managers to work together in a way that reflects this holistic view, and builds on the community's long history of conservation, stewardship, and giving. One Tam's science and restoration work also helps the District understand and protect the mountain's long-term health. Their volunteer programs engage people of all ages in caring for its treasured resources; membership opportunities renew the spirit of philanthropy that has been so fundamental to the preservation of Mt. Tamalpais over the past century.

One Tam develops and delivers relevant and immersive stewardship and community science programs that provide opportunities for service, learning, and community participation in the mountain's long-term care. They provide youth-specific programming and educational opportunities designed to foster the next generation of conservation leaders while providing pathways to entry-level internships and jobs.

Key collaborative efforts include:

- Marin Wildlife Watch
- Peak Health Report
- Forest Health Strategy
- Tam Van Outreach
- Community Science and Education

For more information, see the [One Tam Website](#).



## **Biodiversity, Fire, and Fuels Integrated Plan**

Marin Water implements multi-benefit projects in several key areas across the Watershed lands as guided by the 2019 BFFIP. These projects are focused on restoring forest health, conserving valuable native habitat, improving wildfire resiliency, and increasing understanding of forest ecosystems.

The BFFIP recommends actions for vegetation management and identifies biological monitoring and inventories that can be carried out to inform the District's operations.

## **Conservation Corps North Bay Trail, Litter, and Stewardship**

California Conservation Corps and Conservation Corps North Bay have been involved in trail stewardship and litter cleanups with Marin Water. Founded in 1982, their Natural Resources program services include fuel reduction, habitat restoration, invasive species removal, trail construction and maintenance, emergency response, and more. On the Azalea Hill Trail, Corps members converted 0.7 miles of eroded path along Alpine Lake into a multi-use route called Liberty Gulch Road, for use by hikers, bicyclists, and equestrians.

## **Community Science**

Community science is when the public voluntarily helps conduct scientific research. Community scientists may design experiments, collect data, analyze results, and solve problems.

One project with the California Academy of Sciences works with community scientists to document and collect the numerous plant species across the Watershed. This provides Marin Water with a comprehensive baseline with which to track future change, and yields much-needed information about currently threatened, endangered, and non-native species.



*Loose trash near a trash receptacle on the Watershed*



*Slow and Say Hello program sign*

### **Wildlife Docents**

Marin Water enlists the help of community scientists to protect the western pond turtle and yellow-legged frog by monitoring habitat conditions, recording behavior, and educating the public during the spring when they are most visible and vulnerable. Volunteer docents collect valuable data that helps determine the management of these species and helps inform other stewardship programs such as the Bee Lab.

### **Litter Abatement**

Volunteers remove trash from high-use areas and along waterways and trails. This work protects critical habitats and waterways; clean areas promote responsible behavior. Marin Water provides trash bags and sanitized trash-grabber tools and can work with a group of volunteers to run a litter

cleanup event or train an individual or a family to conduct self-led cleanups.

### **Watershed Ambassadors**

Watershed Ambassadors strengthen ties with the passionate community of trail runners, hikers, nature seekers, and other user groups. They are a great resource and receive public outreach training that includes communication strategies, developing outreach goals, and resources on timely topics. Watershed Ambassadors are stationed with the One Tam mobile visitor center—aka the Tam van—at various locations on and off the mountain.

### **Participation with Local Schools**

Marin Water invites students from local schools to visit the Watershed and gain a deeper understanding of the importance of providing safe drinking water to the surrounding community. Staff lecture classes in a fun, outdoor environment, and provide guided walking tours of the Watershed.

Marin Water also supports the Trout in the Classroom program with local schools and collaborates with One Tam partners to bring interns and school groups to the Watershed. Finally, the District permits and allows high school cross country and mountain bike teams to utilize the Watershed for their training.



# Visitation on the Watershed Today



Marin Water conducted a visitor census survey between September 2012 and July 2013 that collected daily visitation data at key locations throughout the District and extrapolated an overall estimate of annual visitation. This effort included questions about visitation frequency and typical activities as well as visitor satisfaction with various amenities. In order to evaluate changing levels of visitation and the visitor experience compared to the 2012 survey, the District used a variety of data sources to survey visitor experiences and generate an updated estimate of visitation in 2022. This included an in-person and online survey, parking pass sales and group permit data, third party data from StravaMetro, and trail count data from Eco-Counter. Estimates are based on data collected from Eco-Counter sensors on the Watershed and are representative of the observed ratios between hikers and bicyclists. Key takeaways from this analysis are highlighted below with a full summary included in [Appendix B](#).



*Marin Water experienced a significant surge in visitation across the watershed during the COVID-19 pandemic.*

Between 2012 and 2022, the availability of geo-referenced data increased significantly, which allowed the District to generate an estimate of annual visitation using a combination of trail count data and data from StravaMetro. This data showed a significant increase in visitation throughout 2020, with visitation remaining higher than that observed prior to the pandemic.

**Table 7. Annual Visitation Estimate Range (2022)**

<b>MODE</b>	<b>LOW RANGE</b>	<b>MIDDLE RANGE</b>	<b>HIGH RANGE</b>
Pedestrians	1,728,055	1,904,884	2,081,714
Bicyclists	256,141	410,187	564,233
<b>Total</b>	<b>1,984,196</b>	<b>2,315,071</b>	<b>2,645,947</b>
<b>Total percent increase from 2012 estimate</b>	<b>+9%</b>	<b>+27.5%</b>	<b>+46%</b>

1. Extrapolation based on National Bicycle and Pedestrian Documentation program (NBPD)
2. Please refer to [Appendix B](#) for a more detailed description of methodology

## In-Person Survey Results

Marin Water staff conducted an in-person survey on the watershed between August 29, 2022, and October 25, 2022, which closely mirrored the 2012 survey with some additional questions; the full survey and results are available in [Appendix B](#). Between 2012 and 2022, the typical visitor ages, visitation frequency, and durations, as well as the ways people reached the District, generally stayed the same (see Figure 3–Figure 9).

Visitors are largely engaging in the same activities in 2022 as compared to 2012 with an increase in e-biking and hiking. Trail and fire road conditions and interactions with other visitors were viewed as either good or great by the majority of visitors; a significant majority also reported feeling safe across the Watershed. These responses mirror feedback received in 2012, which identified similar levels of satisfaction and safety from visitors.

### ONLINE SURVEY RESULTS

Marin Water also provided an online survey to District ratepayers through their regular water bill. Results from this effort are potentially skewed due to direction provided by stakeholder groups to generate numerous responses from members. Results from that survey are summarized in [Appendix B](#).

Figure 3. What is your age?

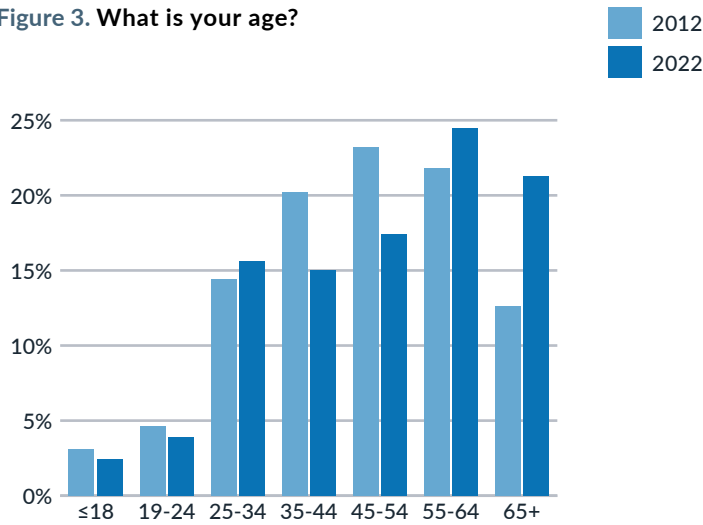


Figure 4. How frequently do you visit Mt. Tam?

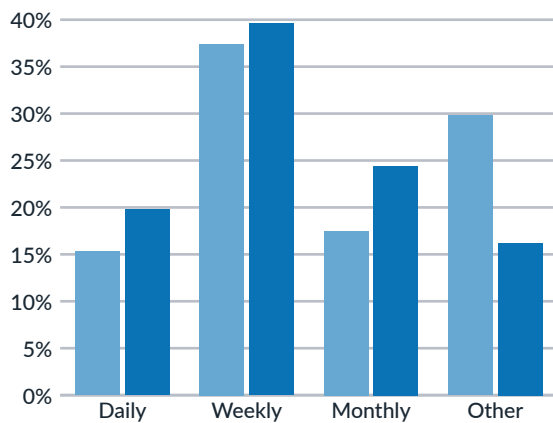


Figure 5. How long do you typically visit Mt. Tamalpais at one time?

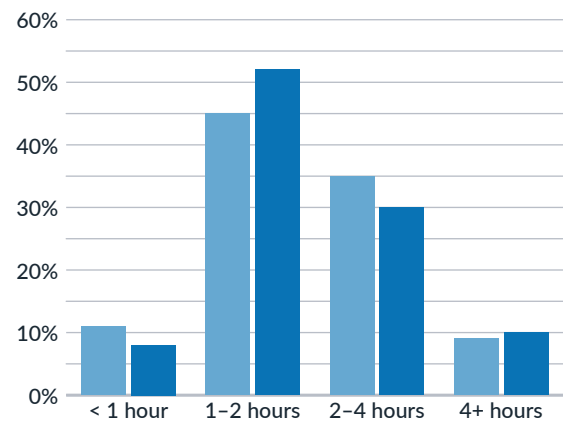
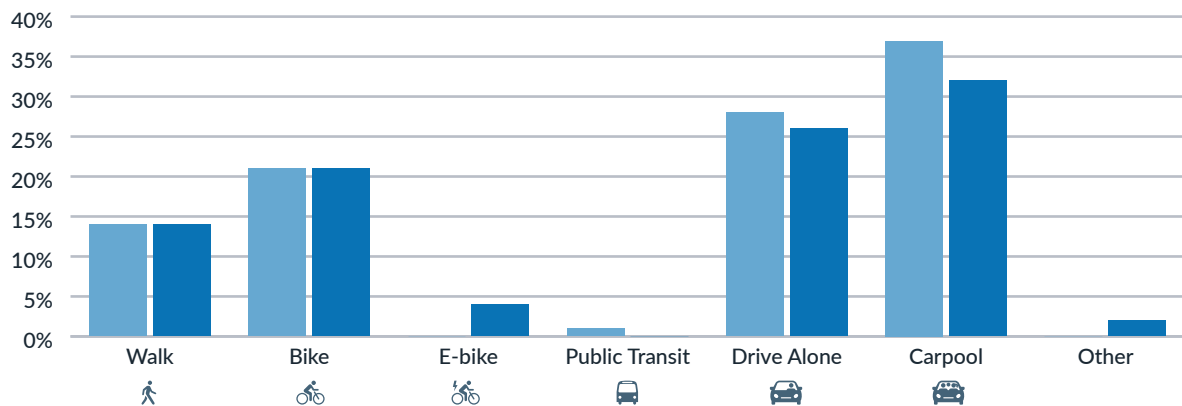


Figure 6. How do you typically arrive at the Watershed?



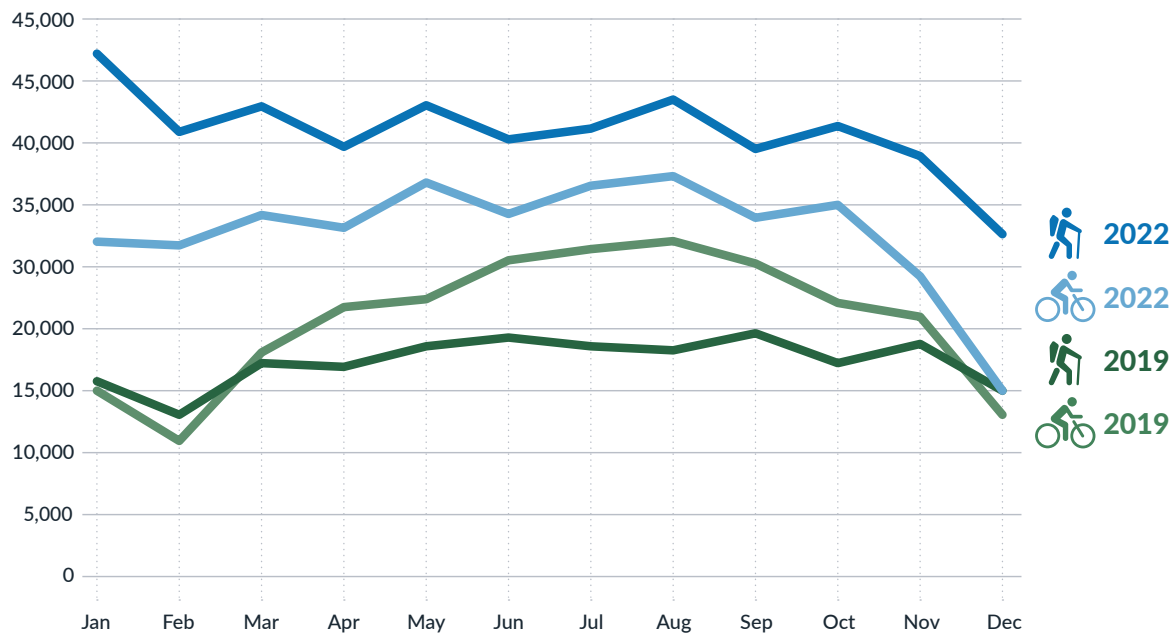


## Census Survey

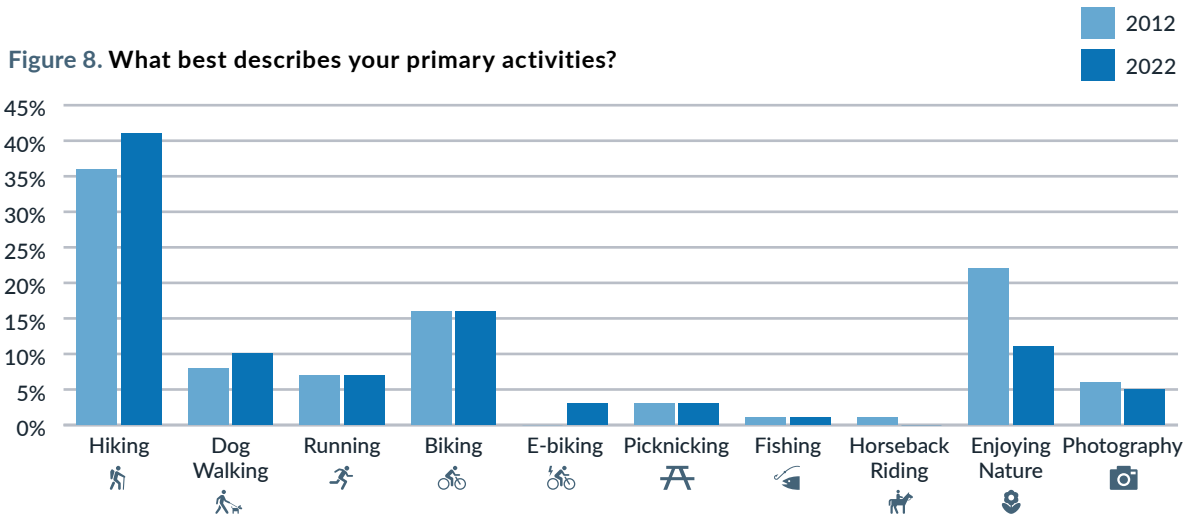
In 2012, Marin Water estimated there were a total of 1,817,000 annual visitors with a total range between 1.18 million and 3.21 million annual visitors. Between 2012 and 2022, the availability of geo-referenced data increased significantly, which allowed the District to generate an estimate of annual visitation using a combination of trail count data and data from StravaMetro. Based on this, the total level of visitation as of 2022 has increased to approximately 2.3 million annual visitors. This represents approximately a 27.5% increase compared to 2012 levels.<sup>3</sup>

Visitation on the Watershed has increased since 2012 and reached a peak during the COVID-19 period. Across Marin County as a whole, walking and biking increased in the post-pandemic period as shown in the chart below. This significant increase in visitation was observed throughout 2020 and 2021 in the District with visitation levels remaining higher than those observed prior to the pandemic.

**Figure 7. Watershed Visitation (2019–2022)**



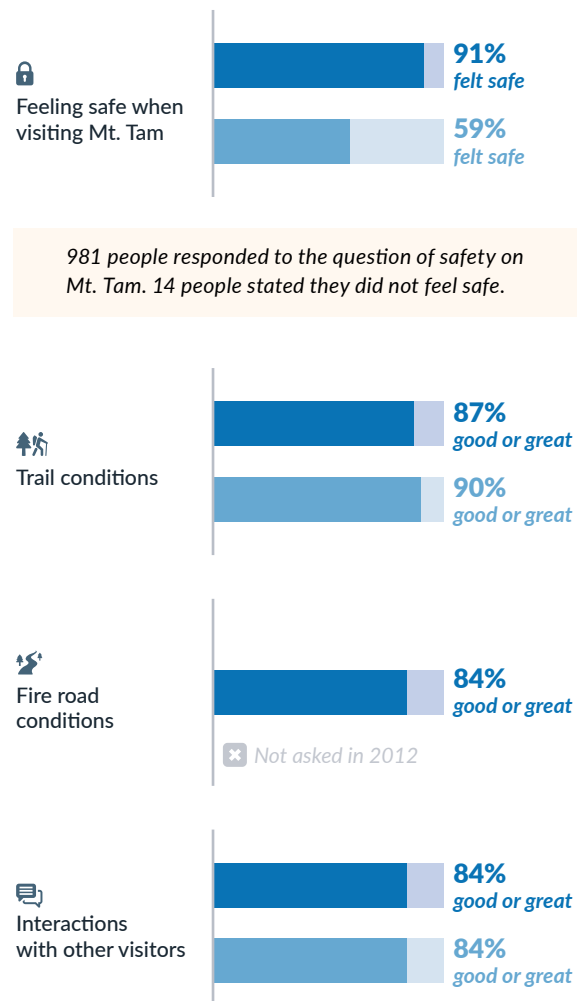
3. It is important to note that this estimate is subject to seasonal fluctuations and will be further refined based on newly collected data at the Cataract Trailhead for waterfall season.



## Identified Peak Areas of Usage

Areas that receive the highest levels of visitation have the highest potential for congestion and may present issues with mixing of visitors traveling at various speeds (i.e., hikers, runners, or bikers). Map 13 highlights the key road and trail segments and general areas with high levels of congestion as identified by District visitors through the in-person survey and trail use estimates. These sections of trail represent the areas where visitors may expect to encounter a high number of fellow visitors and where space on the trail or road may be limited.

**Figure 9. Visitor Experience**

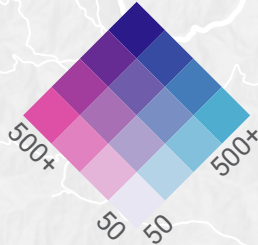


# MARIN WATER ESTIMATED MAY WEEKEND TRAIL VISITATION (2022)

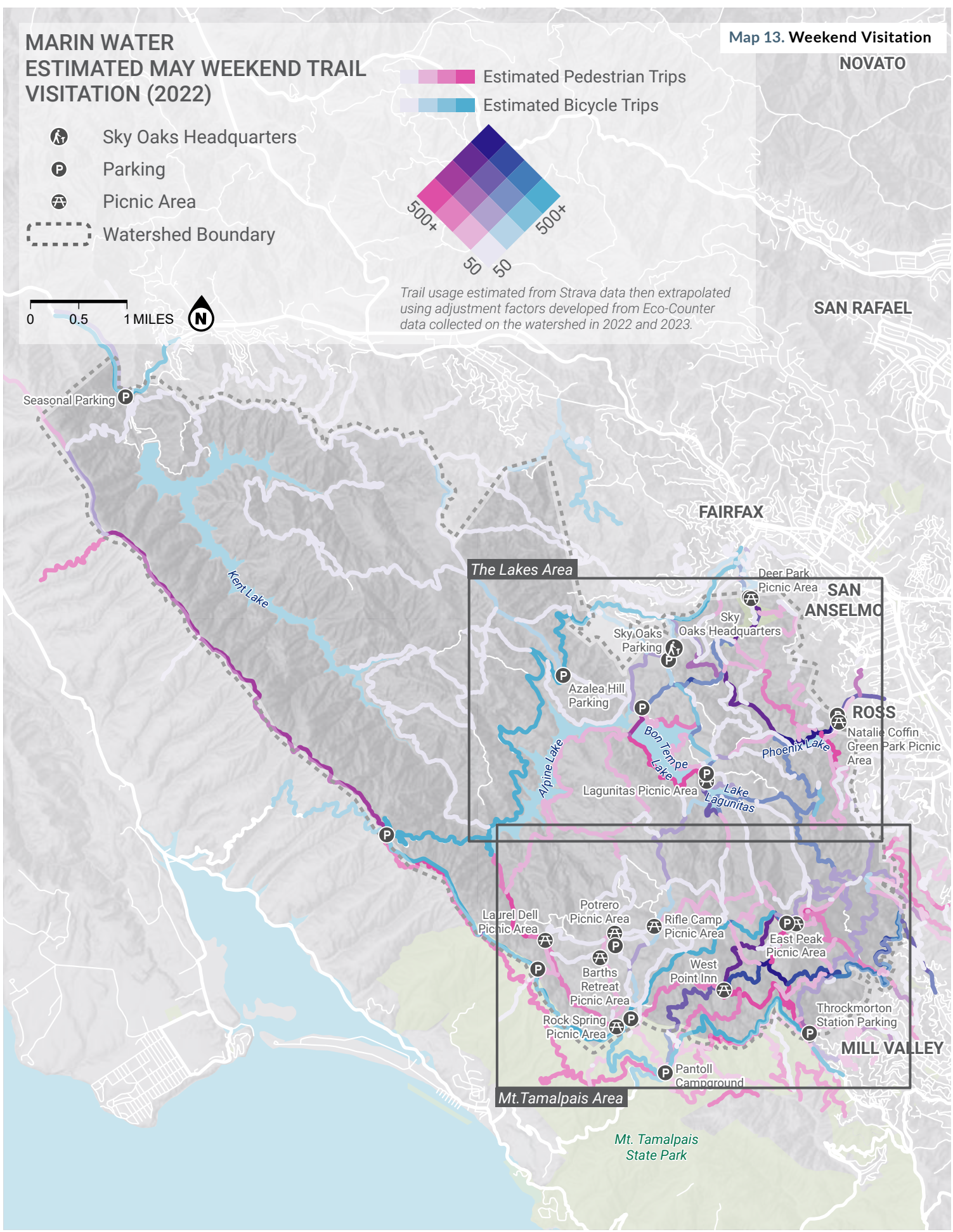
Map 13. Weekend Visitation

- Sky Oaks Headquarters
- Parking
- Picnic Area
- Watershed Boundary

Estimated Pedestrian Trips  
 Estimated Bicycle Trips

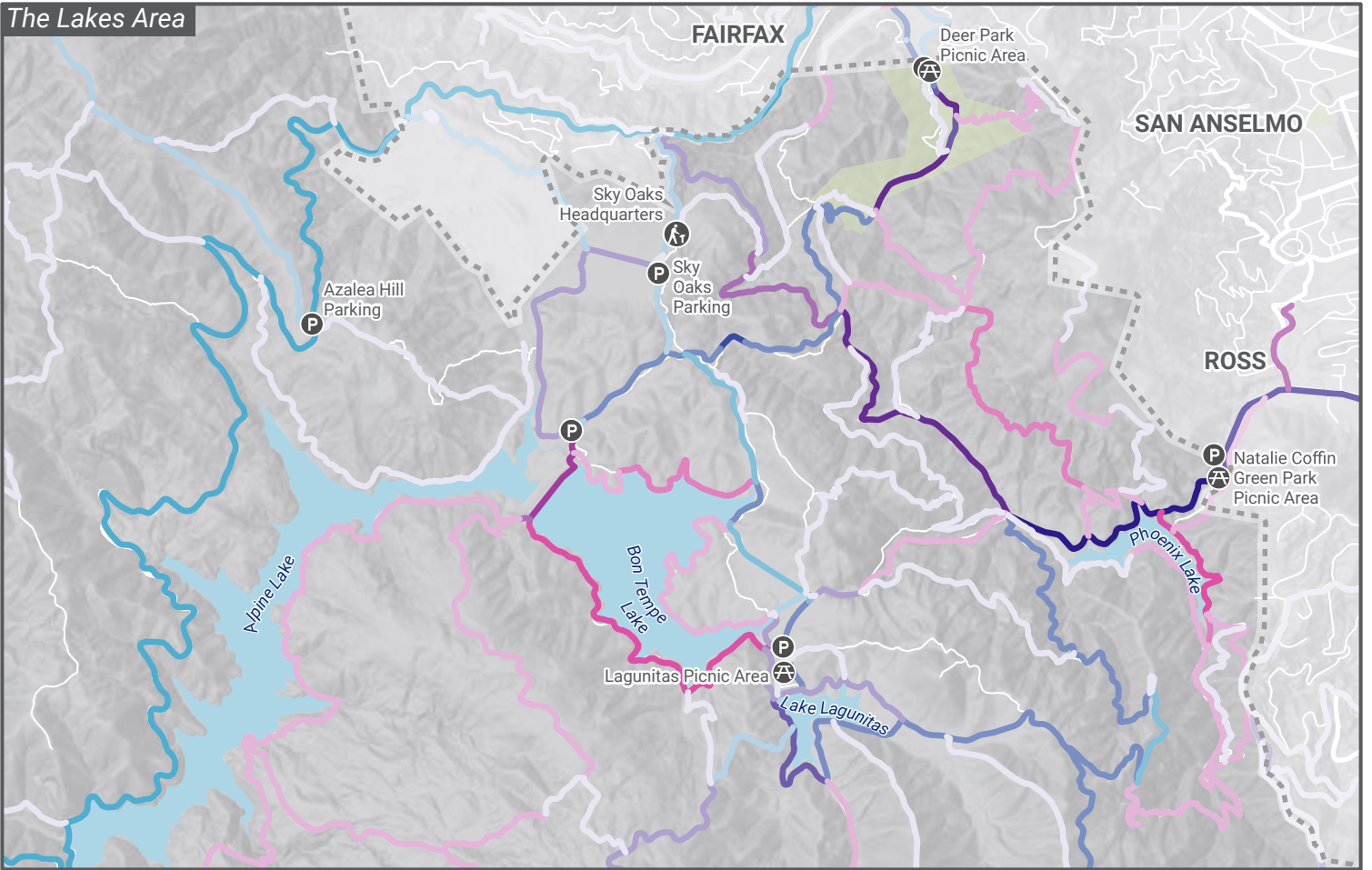


Trail usage estimated from Strava data then extrapolated using adjustment factors developed from Eco-Counter data collected on the watershed in 2022 and 2023.

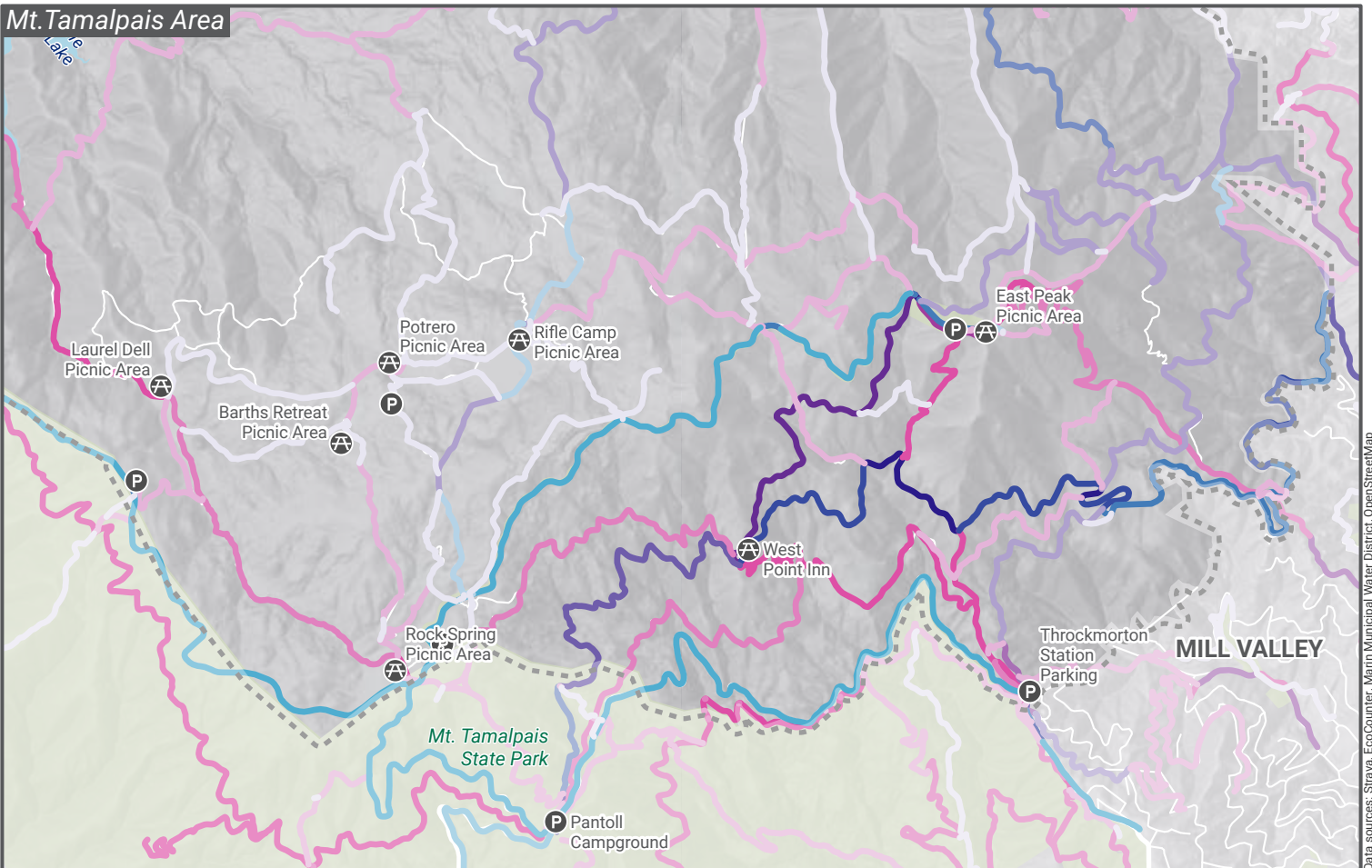




### The Lakes Area



### Mt. Tamalpais Area

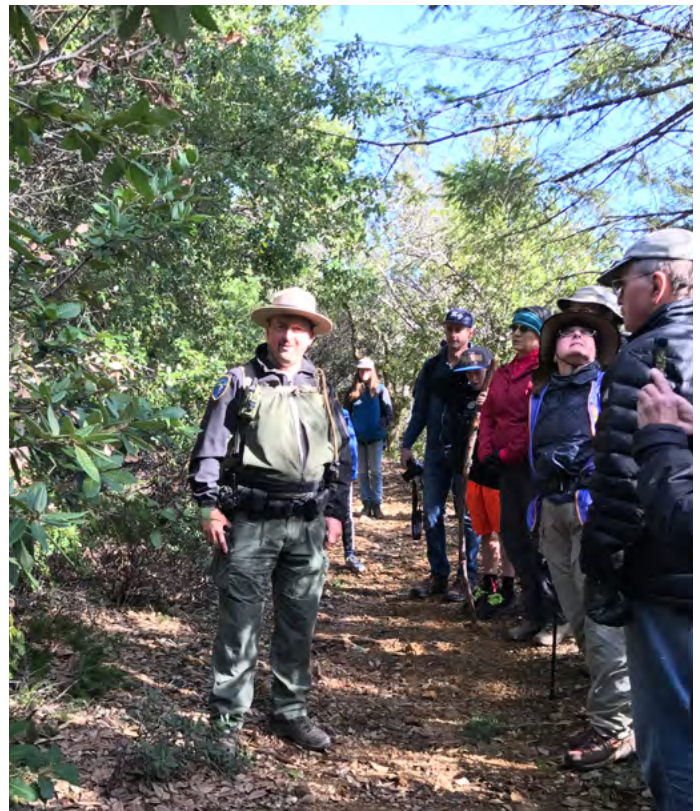






# Public Engagement Summary

Mt. Tamalpais holds a special place in the hearts of Marin County and Bay Area residents who cherish its unique beauty as they interact with the mountain in a variety of ways. Key to adaptively managing passive recreation is establishing a deep understanding of the community's needs and desires. While District staff have a strong foundational understanding of recreational needs on the Watershed, this planning effort afforded them multiple opportunities to hear from visitors. They expressed their gratitude for having access to the Watershed, issues and needs regarding recreation, and concerns about the interaction between recreation and the mountain's delicate natural resources. During this strategy process, the District engaged with park visitors and residents in a variety of ways including in-person and virtual surveys and community workshops, site visits, ongoing stakeholder engagement, and one-on-one interviews. Bay Area residents who do not reside within walking or biking distance of the District have historically been underrepresented in these kinds of efforts, with limited access to and knowledge of the Watershed.



*Ranger-led site visit and hike*

During this effort, the project team aimed to leverage existing connections to engage with these communities. The District will continue to strive to empower underrepresented groups through expanded stewardship opportunities and targeted outreach programs.

This effort builds upon the adaptive management strategy identified in the RTMP to collaborate with the community around visitation patterns and levels. The community workshops conducted for this project provided greater insight into existing stakeholder issues and the effects that current management strategies have on the visitor experience.



From this process, the District received a significant amount of community feedback around a wide variety of existing issues and concerns as well as future opportunities. Despite differences in opinion, those who gave their time to participate in the process clearly love the Watershed. They expressed a desire to protect the flora and fauna through sustainable recreation, and do more to educate users about its biodiversity and ways to protect it. Some are looking for recreational opportunities they do not currently have, and many are looking for ways to connect and volunteer. This feedback helped establish the foundation for the District's Recreational Goals:

The strategies described in this study are intended to further these community identified goals for recreation. Overall, the District received a significant number of proposed updates, improvements, and changes to District policies, procedures, and facilities. While this study is unable to accommodate all community driven concepts, the process helped highlight community support for “multi-benefit” solutions.

The feedback from workshops and site visits is summarized in the section that follows, and survey results are summarized in the [Visitation on the Watershed Today](#) section.

#### **DISTRICT RECREATIONAL GOALS**

**Goal #1** – Protect water quality, and steward natural resources to support biodiversity

**Goal #2** – Strengthen and expand community-based stewardship opportunities to care for the mountain's natural and recreational resources

**Goal #3** – Maintain a sustainable network of roads and trails that support visitors and a variety of recreational uses

**Goal #4** – Adaptively manage recreation to increase equitable access and respond to changing environmental conditions and visitor needs

# COMMUNITY WORKSHOP #1

## Workshop Summary

The purpose of this workshop was to introduce the project, review the scope of work and objectives, and gather public input.

**Date:**

Wednesday, June 8, 2022

**Time:**

5:00-7:00 pm

**Attendees:**

157

## Outreach

The workshop was promoted using the following strategies:

- Workshop information posted on the Marin Water website ([See Exhibit A](#))

## Format

The workshop was made available through Zoom. Members were encouraged to watch and/or listen live by computer or smart device. Attendees were given a chance to provide input or ask questions following the panelists' presentation. Workshop agenda is summarized below.

OUTLINE	DESCRIPTION
Introduction	
Agenda Review	Marin Water background, Watershed overview, Marin Water Mission and Values, Marin Water Board policies
Recreation Planning Process	Present initial public scoping phase, Watershed recreation plan scope
Visitor Survey Overview	Present purpose and/or needs
Community Engagement	Meeting schedules; Watershed site visits
Public Comment	<p>Participants were given two minutes each to provide comments on Watershed improvements; the following questions were presented:</p> <ul style="list-style-type: none"> <li>• What issues are Watershed visitors facing?</li> <li>• What desired conditions do you want to see, and how do they align with the District's primary mission?</li> <li>• How might these desired conditions resolve issues that you perceive?</li> </ul>

## Summary of Feedback

### **PHYSICAL IMPROVEMENTS**

Participants were interested in an improved comprehensive sign and a new trail management plan. Others suggested a single-track Ridge Trail for mountain bikes to avoid wetlands or creeks, along with new design and maintenance standards including modern construction for trails. Some attendees noted a concern about eliminating puddles.

### **ENVIRONMENTAL IMPROVEMENTS**

Participants suggested the creation of “protected environmental areas” with no human access, and closing off social trails in areas with sensitive habitats. They also suggested considering the needs of wildlife first and protecting the Watershed’s biodiversity.

### **OPERATIONAL IMPROVEMENTS**

Participants encouraged a focus on safety, monitoring, and respect. Innovative operational changes that were suggested included alternating-use days; bike-only trails; one-way trails; or mountain bikes sharing single-track trails elsewhere. A focus on education, particularly youth education, was also addressed.

### **INSTITUTIONAL CONSTRAINTS**

Participants identified constraints including limited financial resources, the potential burden to rate payers, staffing shortages, and liability costs.

### **ENVIRONMENTAL CONSTRAINTS**

Participants voiced concern of the ecological impact of dog and horse waste, and mountain bikes eroding trails.

### **TRENDS AND PATTERNS**

The Watershed is seen as a place that has served as a place of calm, especially during the pandemic. Participants perceived an increase in visitation during that time.



*Bill Williams Dam*



## Key Feedback

\*This table summarizes feedback that was used to create the strategies indicated on the light blue rows. See the [Looking Ahead: Strategic Opportunities](#) section for details.

OPPORTUNITY	DESCRIPTION	RELATED FEEDBACK
<b>STRATEGY 2: VISITOR OUTREACH SERVICES</b>		
Watershed Signage	Continue signage updates and prioritize updates to kiosks to highlight biodiversity and water resources.	Participants interested in a comprehensive update to signage program.
<b>STRATEGY 3: WATERSHED VISITOR FACILITIES, POLICIES, AND PLANS</b>		
Slow Zones	Expand slow zones in priority locations to support safe trail conditions and sharing.	Participants encouraged a focus on safety.
Pilot Study for Multi-Use and Bike Access	Pilot study to evaluate bike access and trail sharing techniques in targeted areas.	Participants interested in the consideration of multi-use trail designation.
RTMP Update	Begin update to 2005 RTMP to balance natural resource protection and visitor access. Evaluate bike trail designation as part of trail classification system. Integrate modern trail standards and building techniques to guide operations and maintenance.	Participants interested in the consideration of multi-use trail designation.
Watershed Project Zoning	Integrate zoning framework into the RTMP update to guide implementation of priority trail and road projects as well as Project Restore efforts. Framework will be structured around the following components: <ul style="list-style-type: none"> <li>• Biological resources</li> <li>• Visitation patterns</li> <li>• Abiotic (physical) conditions</li> </ul>	Participants interested in protected environmental areas with limited or no human access.

# WATERSHED SITE VISIT #1

## Site Visit Summary

This was a special Board Meeting for the Watershed Site Visit #1 – Watershed Recreation Management Plan.

**Date:**

Wednesday, July 6, 2022

**Time:**

2:00-3:30 pm

**Location:**

Lake Lagunitas Parking Lot

**Attendees:**

45

## Outreach

The site visit was promoted using the following strategies:

- Site visit information posted on the Marin Water website
- Advertised during previous community meeting

## Format

The site visit began with an overview of the day's activities. Participants alternated between two walking tours provided by Marin Water staff. The first was led by a District ranger and covered current Watershed roads and trail maintenance and regulations. The tour occurred at Lake Lagunitas via Lagunitas Rock Spring Road. The second was led by two staff ecologists who covered existing stewardship programs, outreach, education, and rare and invasive plants. This tour traveled along the Pine Point Trail. This meeting was held in person at the Lagunitas Lake Parking Lot. Parking passes were provided to meeting attendees.

OUTLINE	DESCRIPTION
Introduction/Welcome	Marin Water staff provided an overview of the event's activities and logistical considerations for the two short nature walks.
Rangers	A Marin Water Ranger provided an overview of the state drinking water regulations, water district regulations, patrol operations, and public outreach efforts.
Trail Maintenance	Marin Water Natural Resources staff provided an overview of the existing RTMP, methods for roads and trail maintenance to protect water quality and natural resources, and details of the Project Restore effort.
Public Comments	Following the walking tours, participants reconvened into a larger group and asked questions of the Marin Water staff related to the <i>Watershed Recreation Management Planning Feasibility Study</i> and other District efforts.

### Summary of Feedback

This site visit was intended to be informal and with a focus on providing information regarding current stewardship activities on the Watershed and an overview of the *Watershed Recreation Management Planning Feasibility Study*. Attendees asked questions regarding details of the strategy process for this project and highlighted a desire to support Marin Water through stewardship and engagement.



Site visit at Liberty Gulch along Azalea Hill Trail



# COMMUNITY WORKSHOP #2

## Workshop Summary

The purpose of this workshop was to update attendees on the Watershed census survey and data collection process, and gather public input. Attendees were also provided with an overview of the Data-Driven Recreation Strategy process and asked to complete an interactive exercise on project goals and objectives to help frame overall areas of interest.

**Date:**

Wednesday, July 13, 2022

**Time:**

5:00-7:00 pm

**Attendees:**

126

## Outreach

The workshop was promoted using the following strategies:

- Workshop information posted on the Marin Water website ([See Exhibit A](#))
- Advertised during previous community meetings

## Format

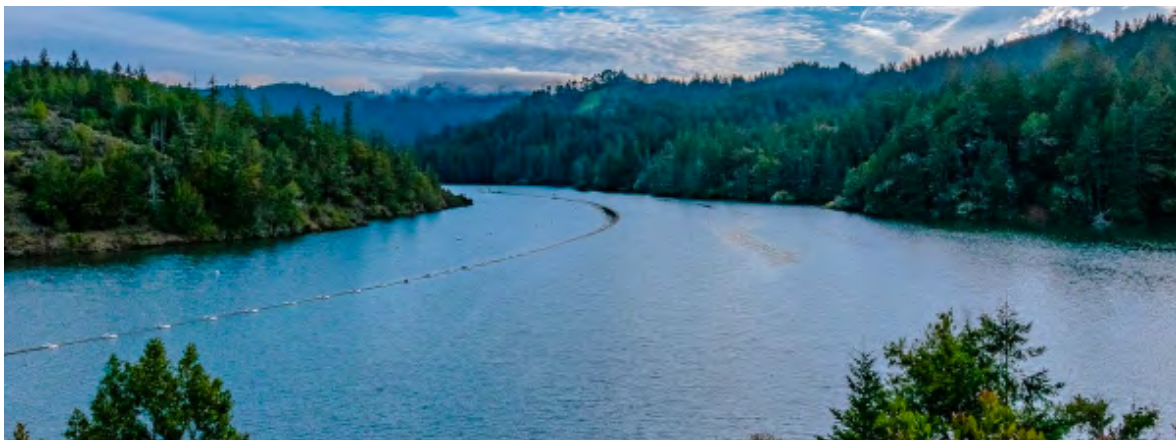
The workshop was made available through Zoom. Members were encouraged to watch and/or listen live by computer or smart device. Workshop began with a presentation of public engagement, data driven planning, and visitor survey data collection. Attendees collaborated in a Word Cloud activity, then were randomly placed in Zoom breakout rooms with 20-25 people per room. Agenda is summarized below.

OUTLINE	DESCRIPTION
Introduction/Welcome	Initial Public Scoping Phase introduced.
Public Engagement	Schedule for public engagement presented.
Data Driven Planning	The <i>Basic Visitor Use Management Framework</i> was presented to the participants, and included discussion points centered on the purpose, needs, and issues the plan can address. It also posed questions around desired conditions and management strategies.
Visitor Survey Data Collection	Participants were shown upcoming volunteer opportunities.
Workshop Session: Setting Goals and Objectives	Attendees were randomly assigned into groups of about 20 people, along with a consultant or District staff facilitator. Each group developed goals and objectives and selected one or two individuals to present these in a brief summary at the end of the workshop.
Public Comment	



Meeting attendees also helped identify areas of interest that formed the foundation for the District's Recreational Goals. These included:

1. Protect water quality, and steward natural resources to support biodiversity
2. Strengthen and expand community-based stewardship opportunities to care for the mountain's natural and recreational resources
  - a. Work with diverse community groups to expand Watershed stewardship programs that engage visitors as active stewards through trail maintenance, litter abatement, invasive plant management, restoration, community science and visitor outreach
  - b. Sustainable stewardship of the Watershed begins with maintaining existing visitor amenities, while protecting and restoring natural resources
3. Maintain a sustainable network of roads and trails that support visitors and a variety of recreational uses
  - a. Consider updates to roads and trails with focus on a net positive environmental impact
  - b. Potentially modify trails and roads to spread visitors out, address points of congestion, and reduce environmental impacts associated with the existing roads and trails network
4. Adaptively manage recreation to increase equitable access and respond to changing environmental conditions and visitor needs
  - a. Evaluate a visitor management zones approach to protect sensitive natural resources and facilitate visitor access



*Alpine Lake from Liberty Gulch Trail*



## Key Feedback

\*This table summarizes feedback that was used to create the strategies indicated on the light blue rows. See the [Looking Ahead: Strategic Opportunities](#) section for details.

OPPORTUNITY	DESCRIPTION	RELATED FEEDBACK
<b>STRATEGY 1: STEWARDSHIP</b>		
Trail and Habitat Volunteer Program	Quarterly trail maintenance events to advance priority stewardship projects. Continue regular Watershed habitat restoration volunteer events.	Participants support community-based stewardship to reduce visitor impacts.
One Tam Watershed Stewardship Events for Under-served Communities	Outreach to under-served communities to facilitate targeted stewardship events on the Watershed as part of One Tam collaboration and program offerings.	Participants suggested that the District work with diverse community groups to expand programs that engage visitors as active stewards through trail maintenance, litter abatement, invasive plant management, restoration, community science, and visitor outreach.
Update Priority List of Non-System Trail Decommissioning and Restoration Projects	As part of an update to the RTMP pair social trail decommissioning with new trail alignments or improvements to ensure a net environmental benefit.	Participants would like the District to consider updates to roads and trails with a focus on a net positive environmental impact.
<b>STRATEGY 3: WATERSHED VISITOR FACILITIES, POLICIES, AND PLANS</b>		
Watershed Project Zoning	<p>Integrate zoning framework into the RTMP update to guide implementation of priority trail and road projects as well as Project Restore efforts. Framework will be structured around the following components:</p> <ul style="list-style-type: none"> <li>• Biological resources</li> <li>• Visitation patterns</li> <li>• Abiotic (physical) conditions</li> </ul>	Participants suggested that the District adaptively manage the current RTMP to respond to changing conditions and visitor needs.

# COMMUNITY WORKSHOP #3

## Workshop Summary

The purpose of this workshop was to discuss the existing Watershed Stewardship programs, partnerships, and community engagement efforts that support Watershed management. Stewardship breakout groups followed the presentation.

**Date:**

Wednesday, September 14, 2022

**Time:**

5:00-7:00 pm

**Location:**

Lake Lagunitas Picnic Area

**Attendees:**

125

## Outreach

The workshop was promoted using the following strategies:

- Workshop information posted on the Marin Water website ([See Exhibit A](#))
- Advertised during previous community meetings

## Format

Shaun Horne from Marin Water introduced the stewardship of the Watershed followed by a stewardship definition exercise. Suzanne Whelan, volunteer coordinator, presented the existing volunteer programs. The group then provided details regarding the breakout group themes: habitat restoration and trails program, community science and education, and Watershed Ambassador and litter abatement. Following the introduction, attendees were asked to split into groups with one staff member at every table taking notes. The groups spent 30 minutes discussing the four themes. After 30 minutes participants rotated to a second breakout group to discuss an additional theme. Themes, along with group questions, are summarized below.

**THEME**

**QUESTIONS**

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Habitat Restoration and Trails Program

- What motivates you to volunteer? Have you volunteered with the District?
    - » If not, why have you not participated in a volunteer event?
  - The District is looking to re-establish a trail/road volunteer opportunity as part of the Watershed Recreation Plan.
    - » What would you like to see prioritized in a trail/road volunteer program?
    - » Are you only interested in volunteering to improve the trail/road that you use or want to use?
  - What infrastructure or capacity is needed to support an ongoing roads/trails program?
- 

Community Science and Education

- How can education and community science programs influence recreation culture?
  - Are there things that stakeholders and organizations can do on their own outside of the Watershed to influence recreation culture?
  - Do you see any gaps or needs relating to the District's ongoing education and/or community science efforts?
- 

Watershed Ambassador and Litter Abatement

- How could the Watershed Ambassador program be expanded to address recreation related issues on the Watershed? (Issue examples: dogs off leash, respectful behavior, lost hikers/bikers, litter, natural resources etc.)
  - What type of training should be required for an individual to become an ambassador?
  - What infrastructure might be needed to support this program?
- Litter abatement is an example of how visitors are making stewardship a group or independent recreational activity.
- In what other ways can visitors be part of corrective actions?
  - How else can stewardship be a recreational activity?
  - How could your organization/visitor group integrate stewardship into your recreational experience?
- 

Open-Ended Table

How can community groups work together collaboratively on public lands? Focus on community partnerships and include Diversity, Equity, and Inclusion discussion. This can also include cultural access for native peoples. What opportunities can Marin Water provide that are focused on cultural experiences?

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## Summary of Feedback

The following summary captures the main discussion points that arose for each theme.

### **COMMUNITY SCIENCE AND EDUCATION**

Education and community science programs can influence recreation culture by raising awareness and ingraining a sense of respect for the outdoors. Introducing these programs to youth can also help influence recreation culture. One example would be incorporating Watershed education into classroom or after school programs.

Things that stakeholders and organizations can do on their own outside of the Watershed to influence recreation culture include:

- Collaborate with other local stakeholders and organizations
- Open group events to the public/non-members
- Expand both informational and interpretive signage
- Prioritize education over enforcement
- Use existing stewardship events as an educational opportunity (have information on why broom pulling is beneficial; have signage or handouts available for Watershed users when they pass by a broom-pull event)

### **WATERSHED AMBASSADOR AND LITTER ABATEMENT**

The Watershed Ambassador program can be expanded to address recreation related issues on the Watershed by knowledge sharing, modeling stewardship and responsible recreation, and promoting an understanding of the road and trail network.

Participants suggested the Watershed Ambassador program also address the following topics:

- Road and trail network maintenance and uses
- Respectful communication towards all visitors
- Better serve under-represented communities
- More Diversity, Equity, and Inclusion representation in stewardship
- Unconscious bias training
- Natural resources
- Process for reporting issues
- Radio and telephone communication
- Basic bike repair
- Wilderness first aid
- De-escalation tactics
- Mentoring program for ambassadors in training

Quarterly ambassador trainings are recommended for individuals interested in the position. Target participants

include ambassadors from various recreational groups and high school or college interns. High schools require volunteer hours, and this program could meet those requirements.

Infrastructure that might be needed to support the program includes:

- Uniform/ambassador shirts
- Radio or communication strategy
- Staff to support training and operations
- Management of ambassador stats regarding outreach activities
- Scheduling system
- Ambassador kit (first aid, maps, sunscreen, water, bike tires, etc.)
- Acknowledgment event or achievement awards
- Annual event to bring ambassadors together
- Corporate, foundation, or other funding partners
- A program that fosters a positive and enjoyable experience for volunteers
- Social media to broaden program impact
- Outreach off the Watershed at community events, recreation shops, or with the One Tam Van
- Educational system support through partnership with schools

### **COMMUNITY PARTNERSHIPS AND INCLUSION RESTORATION + TRAIL/ROAD STEWARDSHIP**

Partnerships that participants thought should be reviewed through this strategy process include Slow and Say Hello; Azalea Hill; Sierra Butte Trail; Bend, Oregon; Trips for Kids; Canal Alliance; REI; high school mountain bike teams and environmental groups; and Play Marin. Community bike groups expressed interest in volunteering to maintain trails for bike access.

Participants discussed how Marin Water can better connect and partner with diverse community groups through partnerships with local schools, especially in disadvantaged neighborhoods. The inclusion of groups for people with disabilities is also important in any new partnerships. They included that planning fun events centered around trail maintenance and habitat restoration can form better connections and partnerships. Inviting scouting groups or the mountain bike community can help maintain Watershed trails.

## Key Feedback

\*This table summarizes feedback that was used to create the strategies indicated on the light blue rows. See the [Looking Ahead: Strategic Opportunities](#) section for details.

OPPORTUNITY	DESCRIPTION	RELATED FEEDBACK
<b>STRATEGY 1: STEWARDSHIP</b>		
Trail Ambassador Volunteer Training	Host annual trail maintenance training to help build volunteer and staff trail building/maintenance capacity.	Participants recommended ambassador trainings for individuals interested in the position. Target participants include ambassadors from various recreational groups and high school or college interns.
One Tam Watershed Stewardship Events for Under-served Communities	Outreach to under-served communities to facilitate targeted stewardship events on the Watershed as part of One Tam collaboration and program offerings.	Participants discussed how we can better connect with diverse community groups by creating partnerships with local schools, especially in disadvantaged neighborhoods.
Wildlife Docent and Ambassador Program Offerings	Maintain frog and turtle docent programs. Add seasonal guided hikes to program offerings to help educate the community about the Watershed's biodiversity and natural resources.	Participants noted that Education and community science programs can influence recreation culture by raising awareness and ingraining a sense of respect for the outdoors.
Natural Resource Interpretation	Ranger Trainee program participants complete natural resources interpretation certification program.	Participants are interested in additional ways to be educated about the land.
<b>STRATEGY 3: WATERSHED VISITOR FACILITIES, POLICIES, AND PLANS</b>		
Library Pass Program and Low-Income Parking Pass Discount	Maintain library parking pass system. Provide reduced parking fee for Marin residents who qualify for the District's low-income programs.	Participants discussed how to better connect with diverse community groups by creating partnerships with local schools, especially in disadvantaged neighborhoods.

# COMMUNITY WORKSHOP #4

## Workshop Summary

This workshop was held virtually, pursuant to Assembly Bill 361, over Zoom. Date, time, and attendees are summarized below.

**Date:**

Wednesday, October 12, 2022

**Time:**

5:00-7:00 pm

**Attendees:**

202

## Outreach

The workshop was promoted using the following strategies:

- Workshop information posted on the Marin Water website
- Advertised during previous community meetings

## Format

The workshop was made available through Zoom. Members were encouraged to watch and/or listen live by computer or smart device. Attendees were given a chance to provide input or ask questions following the panelists' presentation. Agenda is summarized below.

OUTLINE	DESCRIPTION
Introduction/Welcome	Presentation by Marin Water on Watershed Facilities
Public Engagement	Aurora Perez: Latino Outdoors Bryan Largay: Santa Cruz Land Trust Matt De Young: Santa Cruz Mountains Trail Stewardship
Questions for Individual Panelists	Panelists were each asked a specific question. Other panelists were able to add comments if time allowed. <ul style="list-style-type: none"> <li>• How is Latino Outdoors working with land managers and the community at large to support Diversity, Equity, and Inclusion from a recreational standpoint?               <ul style="list-style-type: none"> <li>» How can land managers better support diversity in the outdoors?</li> </ul> </li> </ul>



## OUTLINE

## DESCRIPTION

Questions for Individual Panelists (continued)	<ul style="list-style-type: none"><li>» What barriers can be removed by modifying or adapting recreational facilities or operations? Why is it important to think about the voices that are not in the room during a strategy process and do you have thoughts on how Marin Water can better engage with those community members?</li><li>• How does the Santa Cruz Land Trust balance the protection of cultural, natural, and biological resources while facilitating public visitor access?<ul style="list-style-type: none"><li>» Can you tell us about how you monitor your lands in relation to recreation, visitation, and natural resources? How does this inform adaptive management?</li></ul></li><li>• How does the Santa Cruz Land Trust balance the protection of cultural, natural, and biological resources while facilitating public visitor access?<ul style="list-style-type: none"><li>» What multi-benefit visitor management solutions have you seen or developed that helped mitigate recreational issues or impacts?</li><li>» Can you tell us about how you monitor your lands in relation to recreation, visitation and natural resources? How does this inform adaptive management?</li></ul></li><li>• How do the Santa Cruz Mountains Trail Stewardship programs and projects support various land management agencies?</li><li>• What successful stewardship projects have you worked on that balance visitor access with natural resources protection?</li><li>• How can community organizations influence responsible recreation? What multi-benefit approaches have you seen help address visitor conflicts?</li></ul>
Panelist Group Discussion	<p>The following questions were asked of the panelists to facilitate a group discussion:</p> <ul style="list-style-type: none"><li>• How can participants look beyond interests to collaborative effectively with other stakeholders to develop multi-benefit solutions?</li><li>• What trail/road specific recreation management strategies have you seen be effective at mitigating visitor impacts on the environment and each other?</li><li>• Are there any adaptive management approaches that you feel help establish a sustainable trail and roads network?</li></ul>
Facilitator Prompts for Breakout Groups (See Summary for Detail)	<p>Group 1: Roads and trails</p> <p>Group 2: Visitor facilities</p> <p>Group 3: Minimizing recreation impacts on natural resources</p> <p>Group 4: Stewardship and responsible recreation</p>
Public Comment	

## Summary of Feedback

### **GROUP 1: ROADS AND TRAILS**

**Q1:** What ideas do you have for balancing the protection of natural resources/water quality with recreational access?

- Modernize trails and road maintenance such as reverse-grade designs
- Sustainable trail design can help mitigate visitor conflicts
- Robust invasive plant management
- Continue support for biological monitoring

**Q2:** What are some multi-benefit options that balance the needs of various visitor groups?

- Identify redundancies in the trail system for opportunities to create multi-use trails
- Create new strategies for separating visitors and providing diverse visitor experiences
- Evaluate alternate days of the week for bikes on select trails
- Consider establishing a pilot program to test various trail management changes and strategies
- Provide bikes with single-track trail experience to reduce the potential for conflicts

- Focus first on points of congestion and then consider opportunities for new trail access locations to spread visitors out
- Design multi-use trails to allow for horses and bikes to recreate safely together
- Preserve remote locations and opportunities for solitude
- Directional trails to support multi-use

**Q3:** What recreation management strategies can improve all Watershed visitors' experiences on trails and roads?

- Trails generally have less maintenance than fire roads
- Community bike groups are interested in volunteering to maintain trails for bike access
- Prioritize community outreach around responsible recreation and develop website materials for responsible recreation on the Watershed
- Plan for various types of visitor experiences
- Watershed zones to protect resources and support access
- Increase rangers' capacity
- Project Restore workplan updates

## GROUP 2: VISITOR FACILITIES

**Q1:** How can visitor facilities be modified or updated to protect natural resources while providing for public access?

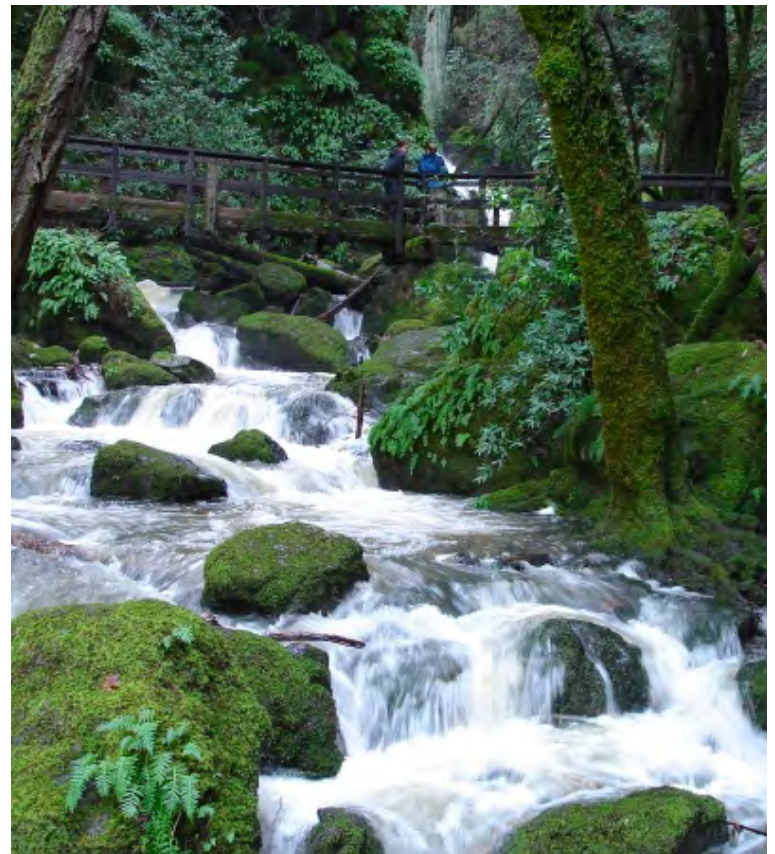
- Mixing bikes on fire roads with other users at high-speeds
- Open social trails and directional downhill trails
- Add trash receptacles
- Litter abatement
- Re-initiate Project Restore
- Update sign program
- Incorporate fencing to protect sensitive areas
- Sanitation improvements

**Q2:** How can Marin Water ensure that visitor facilities create an inclusive and welcoming environment for diverse community groups?

- Advertise them in an inclusive way such as in multiple languages and in low-resource communities
- Address illegal parking to help with erosion and prevent cars from parking on hillsides (this could also make road cyclists feel safer and be more inclusive so they do not have to drive to trailhead; the best way for kids to access the Watershed is by bike)

**Q3:** What facilities, programs, or partnerships are currently lacking which may create a more inclusive environment? (This may include large family style seating, BBQ pits, and recreational games such as horseshoes, etc.)

- Better transportation options
- Informative signs or brochures with maps, basic rules, and regulations
- Working with schools to provide cleanup and other stewardship opportunities
- An interpretive center
- Install bike racks and fix-it stations



Cataract Creek

### **GROUP 3: MINIMIZING RECREATION IMPACTS ON NATURAL RESOURCES**

**Q1:** Recreation can have an impact on sensitive natural resources. What ideas do you have for minimizing impacts?

- Most trails on the Watershed were not designed to be as heavily used as they are; Marin Water needs to embrace modern trail design and planning on the District's legacy system, including an adaptive management approach that matches users with appropriate designs
- Marin Water also needs to consider the needs of wildlife, and that may mean designating areas where there is no recreation

**Q2:** What multi-benefit solutions do you see as potential management actions for addressing impacts that people have on the landscape?

- Consider trail reroutes for better design and less impact on meadows and wet areas

### **GROUP 4: STEWARDSHIP AND RESPONSIBLE RECREATION**

**Q1:** What can the community and District do to foster a culture of responsible recreation on Mt. Tam?

- New programs, enforcement and education, volunteer opportunities
- Design for user experience
- Unified board vision
- Continue the community conversation

**Q2:** What stewardship effort can result in multi-benefit outcomes that benefit the environment and various visitor groups?

- Restoration is the new recreation; trail redesign may provide multi-benefit opportunities that include safety, user experiences, and erosion control
- Continue One Tam collaboration

**Q3:** What programs or strategies do you think could foster a greater sense of stewardship for the interconnected systems of Mt. Tam (ecosystem, biological, recreation network)?

- Develop an online calendar sign-up for multi-benefit volunteer opportunities
- Increased recreation funding
- Trail ambassador program could foster stewardship as it could offer nature hikes and other interactive programs that could be multi-lingual
- Utilize best practices from a variety of other land managers



## Key Feedback

\*This table summarizes feedback that was used to create the strategies indicated on the light blue rows. See the [Looking Ahead: Strategic Opportunities](#) section for details.

OPPORTUNITY	DESCRIPTION	RELATED FEEDBACK
<b>STRATEGY 1: STEWARDSHIP</b>		
Trail Ambassador Volunteer Training	Host annual trail maintenance training to help build volunteer and staff trail building/maintenance capacity.	Community bike groups are interested in volunteering to maintain trails for bike access.
<b>STRATEGY 2: VISITOR OUTREACH SERVICES</b>		
Watershed Signage	Continue signage updates and prioritize updates to kiosks to highlight biodiversity and water resources.	Participants highlighted the need for clear and consistent Watershed and trailhead signage.
<b>STRATEGY 3: WATERSHED VISITOR FACILITIES, POLICIES, AND PLANS</b>		
Library Pass Program and Low-Income Parking Pass Discount	Maintain library parking pass system. Provide reduced parking fee for Marin residents who qualify for the District's low-income programs.	Participants discussed how to better connect with diverse community groups by creating partnerships with local schools, especially in disadvantaged neighborhoods.
Pilot Study for Multi-Use and Bike Access	Pilot study to evaluate bike access and trail sharing techniques in targeted areas.	Participants suggested the District identify redundancies in the trail system for opportunities to create multi-use trails. Also, opportunities for new trail access locations to spread visitors out.
RTMP Update	Begin update to 2005 RTMP to balance natural resource protection and visitor access. Evaluate bike trail designation as part of trail classification system. Integrate modern trail standards and building techniques to guide operations and maintenance.	Participants noted the District should modernize trails and road maintenance such as reverse-grade designs.
Watershed Accessibility	Update Other Power-Driven Mobility Device Policy to include e-bikes. Develop list of priority accessibility projects to support visitor access.	Participants stated an outcome of this study should include strategies for providing a diverse range of user experiences.
Outdoor Visitor Amenities	Evaluate opportunities for water fountains, restroom improvements, bike racks, bike fix-it stations, horse troughs, benches, and road and trail infrastructure that can protect natural resources.	Participants recommended additional amenities to be accessible to visitors of the Watershed including bike fix-it stations and restrooms.
Watershed Project Zoning	Integrate zoning framework into the RTMP update to guide implementation of priority trail and road projects as well as Project Restore efforts. Framework will be structured around the following components: <ul style="list-style-type: none"> <li>• Biological resources</li> <li>• Visitation patterns</li> <li>• Abiotic (physical) conditions</li> </ul>	Participants noted the need to consider wildlife in future strategies including limiting recreation in specific areas.

# WATERSHED SITE VISIT #2

## Workshop Summary

The Marin Water staff conducted a site visit and walking tour of the Azalea Hill Trail Restoration Project. This meeting began in the Bon Tempe Dam Parking Area and included an oral presentation about the ongoing restoration project. Following the brief presentation, Marin staff led the group along a walking tour of the Azalea Hill Trail project and noted key aspects of the design which provide multi-benefits.

**Date:**

Wednesday, November 9, 2022

**Time:**

2:00-3:30 pm

**Attendees:**

30

## Outreach

The site visit was promoted using the following strategies:

- Site visit information posted on the Marin Water website
- Advertised during previous community meetings
- Noticed as a special board meeting on the Marin Water project website

## Format

This project was an in-person meeting with a brief presentation and walking tour led by Marin Water staff.

## Summary of Feedback

This walking tour and site visit focused on providing information to attendees. Questions from attendees focused on the Azalea Hill Project and were fielded by Marin Water staff.



Marin Water staff leading the Azalea Hill Trail Restoration Project site visit

# COMMUNITY WORKSHOP #5

## Workshop Summary

This workshop was held virtually, pursuant to Assembly Bill 361, over Zoom. Date, time, and attendees are summarized below.

**Date:**

Wednesday, February 8, 2023

**Time:**

5:00-7:00 pm

**Attendees:**

206

## Outreach

The workshop was promoted using the following strategies:

- Workshop information posted on the Marin Water website
- Advertised during previous community meetings
- Promoted via Marin Water social media accounts

## Format

The workshop was made available through Zoom. Members were encouraged to watch and/or listen live by computer or smart device. Attendees were given a chance to provide input or ask questions following the panelists' presentation. Agenda is summarized below.

OUTLINE	DESCRIPTION
Survey Findings	User survey results
Zoning Discussion	Presentation by Dr. Ashley D'Antonio
Zoning Workshop	Public comment via zoom and Miro board

## Summary of Feedback

Following a presentation of the overall survey results and typical zoning approaches from around the country presented by Dr. Ashley D'Antonio, participants engaged in a virtual whiteboarding exercise in which they were asked a series of questions related to three areas of consideration for zoning: social/recreation, ecological/watershed, and managerial/community. Participants were led through this activity and asked the following questions:

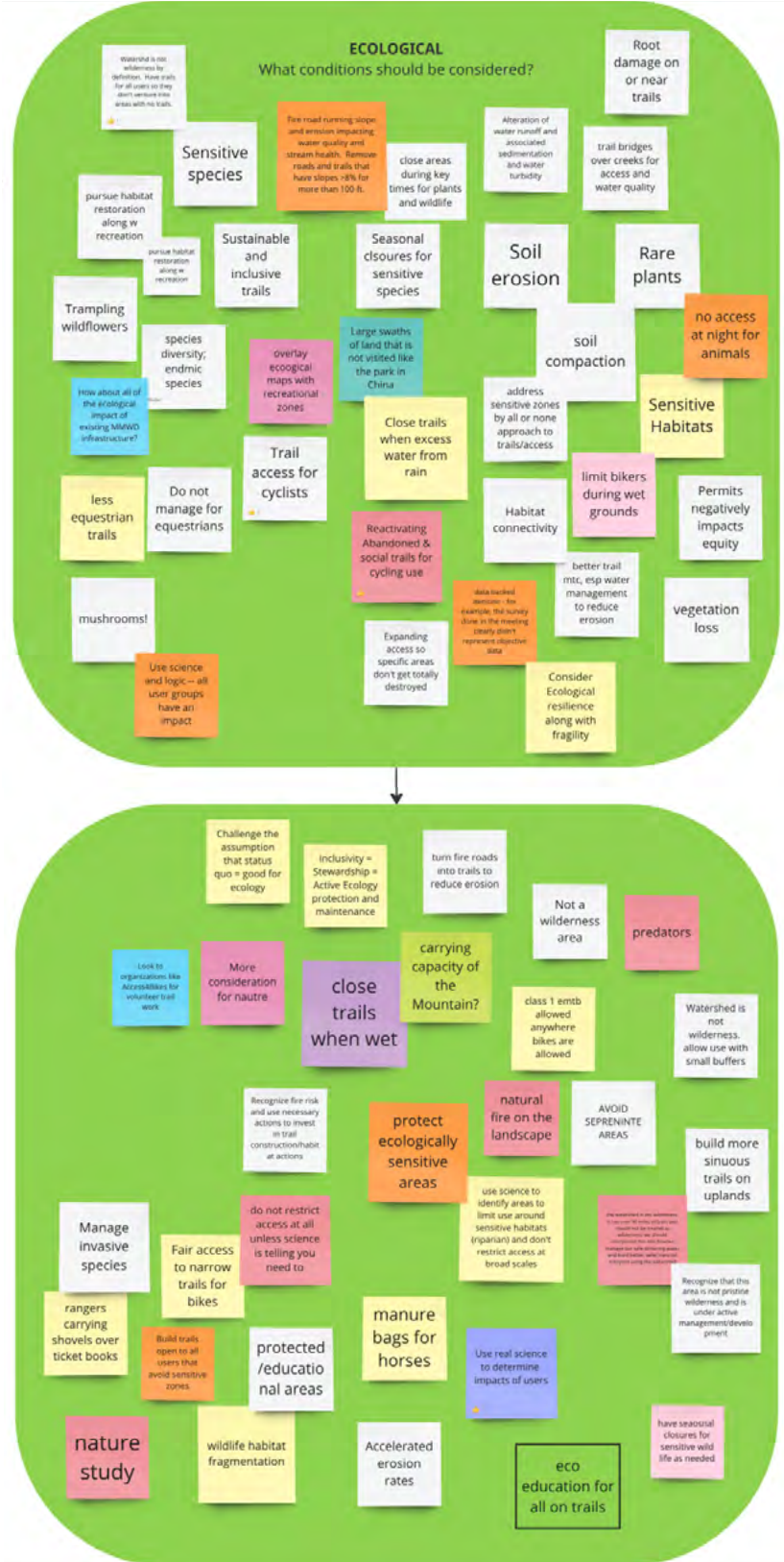
- What is appropriate for each zone's social, ecological, and managerial objectives?
- What are existing social, ecological, and managerial conditions?
- What visitor opportunities are appropriate in each zone?
- What social, ecological and managerial conditions should be considered in zoning decisions?

Participants provided a significant number of comments related to each of the three major areas of consideration. Overall, they identified the following items as key considerations for each aspect of zoning:

- Social/Recreation
  - » Access/inclusivity/ADA
  - » Hiking/walking trails
  - » Mountain biking trail experience
  - » Nature immersion/solitude
  - » Equestrian routes
- Ecological/Watershed
  - » Biodiversity and ecosystem health
  - » Environmental education
  - » Erosion/trail maintenance
  - » Wildfire mitigation
  - » Water quality protection
  - » Sensitive habitat protection
- Managerial/Community
  - » Habitat restoration
  - » Watershed Ambassador
  - » Trail classifications
  - » Responsible recreation
  - » Trail safety considerations
  - » Trailhead signage
  - » Trail stewardship



An example of the output from the white-boarding exercise:



## Key Feedback

\*This table summarizes feedback that was used to create the strategies indicated on the light blue rows. See the [Looking Ahead: Strategic Opportunities](#) section for details.

OPPORTUNITY	DESCRIPTION	RELATED FEEDBACK
<b>STRATEGY 1: STEWARDSHIP</b>		
Wildlife Docent and Ambassador Program Offerings	Maintain frog and turtle docent programs. Add seasonal guided hikes to program offerings to help educate the community about the Watershed's biodiversity and natural resources.	Participants mentioned the need for Watershed Ambassadors to assist in stewarding and educating the public about responsible recreation.
Update Priority List of Non-System Trail Decommissioning and Restoration Projects	As part of an update to the RTMP, pair social trail decommissioning with new trail alignments or improvements to ensure a net environmental benefit.	Participants noted the need for water quality protection and sensitive habitat protection.
<b>STRATEGY 3: WATERSHED VISITOR FACILITIES, POLICIES, AND PLANS</b>		
Pilot Study for Multi-Use and Bike Access	Pilot study to evaluate bike access and trail sharing techniques in targeted areas.	Participants suggested developing routes intended for equestrian use.
Watershed Project Zoning	<p>Integrate zoning framework into the RTMP update to guide implementation of priority trail and road projects as well as Project Restore efforts. Framework will be structured around the following components:</p> <ul style="list-style-type: none"> <li>• Biological resources</li> <li>• Visitation patterns</li> <li>• Abiotic (physical) conditions</li> </ul>	Participants suggest considering seasonal closures of certain areas during high wildfire-risk time periods.

# COMMUNITY WORKSHOP #6

## Workshop Summary

This workshop was held virtually, pursuant to Assembly Bill 361, over Zoom.

**Date:**

Wednesday, April 12, 2023

**Time:**

5:00-7:00 pm

**Attendees:**

125

## Outreach

The workshop was promoted using the following strategies:

- Workshop information posted on the Marin Water website
- Advertised during previous community meetings
- Promoted via Marin Water social media accounts

## Format

The workshop was made available through Zoom. Members were encouraged to watch and/or listen live by computer or smart device. Attendees were given a chance to provide input or ask questions following the presentation. Agenda is summarized below.

This meeting provided an overview of major takeaways identified from feedback collected during each of the previously held community workshops. Following this review, the presentation focused on a review of the adaptive management strategy concept and how some of the initial feedback and recommendations from the public could be addressed by that strategy.

OUTLINE	DESCRIPTION
Where we've come from	<ul style="list-style-type: none"> <li>• Review of feedback and takeaways from prior engagement activities</li> <li>• Overview of known and identified issues</li> </ul>
Where we're going	Adaptive Management and Takeaways
Breakout Groups	A review of input received and discussion of future opportunities
Next Steps	Overview of project next steps
Public Comments	

## Summary of Feedback

Overall, feedback from participants focused on the following themes:

- The concept of multi-benefit solutions with considerations of how to gauge and monitor the level of benefit across various elements of the Watershed
- The potential benefits of focusing visitation on approved trails and during various times or directions
- The concept of zoning on the Watershed



Tucker Cutoff Trail

## Key Feedback

*\*This table summarizes feedback that was used to create the strategies indicated on the light blue rows. See the [Looking Ahead: Strategic Opportunities](#) section for details.*

OPPORTUNITY	DESCRIPTION	RELATED FEEDBACK
<b>STRATEGY 3: WATERSHED VISITOR FACILITIES, POLICIES, AND PLANS</b>		
Pilot Study for Multi-Use and Bike Access	Pilot study to evaluate bike access and trail sharing techniques in targeted areas.	Participants noted the desire for multi-benefit solutions regarding future trail planning efforts.
Watershed Project Zoning	Integrate zoning framework into the RTMP update to guide implementation of priority trail and road projects as well as Project Restore efforts. Framework will be structured around the following components: <ul style="list-style-type: none"> <li>● Biological resources</li> <li>● Visitation patterns</li> <li>● Abiotic (physical) conditions</li> </ul>	Consider seasonal closures of certain areas during high wildfire-risk time periods.





## **Looking Ahead: Strategic Opportunities**

# STRATEGIC OPPORTUNITIES FOR BIODIVERSITY AND VISITOR SUPPORT

This section of the feasibility study has been shaped by the invaluable insights gathered from engaged community members through the collaborative workshops summarized in the previous section. It has also been informed by data collected on visitor use patterns as well as survey feedback on existing and future conditions. A comprehensive review of all these sources has revealed opportunities for the thoughtful management of Watershed roads and trails, modest improvements to visitor facilities, and ways to support innovative stewardship programs.

The District recognizes the importance of not only safeguarding the Mt. Tamalpais Watershed's biological diversity and water quality, but also fostering a deep and lasting connection between the public and this incredible place. It strives to realize these complex and interrelated values, while also maximizing its limited resources. To that end, the following section includes an array of options—distilled from community feedback—that represent feasible opportunities to protect the Watershed's unique biodiversity, habitats, and water quality while

providing safe and inclusive access to District lands. These opportunities will be reviewed by the Marin Water Board of Directors, and realized over time through existing District processes, and as budgets allow.



*Western Fence Lizard at Carson Falls*



# STRATEGIC OPPORTUNITY #1: IMPROVED STEWARDSHIP PROGRAM

Foundational to the District's operations is the stewardship of Watershed lands and the preservation of biodiversity and water quality. The District uses its limited resources to support community-based stewardship to reduce visitor impacts, protect water quality, and restore natural resources to protect biodiversity.

## What We Heard

Ideas to improve upon the District's current stewardship program were discussed at each community workshop and were a primary focus of workshop #3. The over 200 participants who attended that workshop discussed the existing programs, partnerships, and community engagement efforts that support Watershed management. The project team heard from different visitor groups that all expressed interest in helping ensure the Watershed is clean, restored, and inclusive.



*Marin Water ranger speaking with visitors*



*District ranger leading a trail walk*

## Strategic Opportunities for Improved Stewardship Program

OPPORTUNITY	DESCRIPTION	IMPLEMENTATION TIMEFRAME
Trail and Habitat Volunteer Program	Quarterly trail maintenance events to advance priority stewardship projects. Continue regular Watershed habitat restoration volunteer events.	6 months
Trail Ambassador Volunteer Training	Host annual trail maintenance training to help increase volunteer and staff trail building/maintenance capacity.	Annual event
One Tam Watershed Stewardship Events for Under-served Communities	Outreach to under-served communities to facilitate targeted stewardship events on the Watershed as part of One Tam collaboration and program offerings.	6-18 months
Wildlife Docent and Ambassador Program Offerings	Maintain frog and turtle docent programs. Add seasonal guided hikes to program offerings to help educate the community about the Watershed biodiversity and natural resources.	6-12 months
Natural Resource Interpretation	Ranger Trainees and new Rangers complete certified interpretive guide program.	6-18 months
Update Priority List of Non-System Trail Decommissioning and Restoration Projects	As part of an update to the RTMP, pair social trail decommissioning with new trail alignments or improvements to ensure a net environmental benefit.	6-36 months



## STRATEGIC OPPORTUNITY #2: VISITOR SERVICES

The District supports and informs visitors through the presence of full-time park rangers and a signage program. While these go a long way toward connecting visitors to the Watershed's resources, the following strategic opportunities build upon these efforts and expand other successful initiatives.

### What We Heard

Visitor services were discussed at each workshop. The public noted a desire for additional park rangers to patrol the Watershed and updated signage standards to improve communications. The public also expressed interest in expanding the Watershed Ambassador program, which has successfully supported topics such as endangered frogs and turtles, water conservation, and forest health.



*Existing drinking water messaging sign*

## Strategic Opportunities for Visitor Services

OPPORTUNITY	DESCRIPTION	IMPLEMENTATION TIMEFRAME
Watershed Signage	Continue signage updates and prioritize updates to kiosks to highlight biodiversity and water resources.	12-18 months
Watershed Visitor Map Updates	Develop a geo-referenced visitor map that's available online to support visitors' use of system trails.	12-18 months
Ranger and Natural Resources Interpretive Hikes	Host quarterly Ranger and Naturalist hikes, and guided tours to help connect the community to Watershed resources and projects.	Quarterly events
Self-Guided Natural Resources Interpretation	Create nature-based self-guided tours and outreach materials to help educate the community about the Watershed's biodiversity, water resources, wildfire issues, and the impacts of climate change here.	6-18 months

# STRATEGIC OPPORTUNITY #3: WATERSHED VISITOR FACILITIES, POLICIES, AND PLANS

## Roads and Trails

The experiences visitors desire and the modes they use to achieve them vary significantly, from those who desire to reconnect with nature through quiet solitude to those who seek a more social adventure. However, future updates to the road and trails network such as reclassification of trails and separation by use type can benefit all users.

## Other Recreational Facilities

Recreational facilities beyond trails and fire roads help to create various visitor experiences and foster a more welcoming and inclusive environment. These facilities include parking areas, restrooms, picnic areas, and fishing piers.

## What We Heard

Throughout this project, the public highlighted the significant variation in types of use and desired experiences across the Watershed. Workshop participants identified the need for multi-benefit opportunities that provide net positive impacts to different visitor types as well as support the ecology.



*Historic Civilian Conservation Corps-built shelter at Lake Lagunitas*

## Strategic Opportunities for Visitor Facilities, Policies, and Plans

OPPORTUNITY	DESCRIPTION	IMPLEMENTATION TIMEFRAME
Library Pass Program and Low-Income Parking Pass Discount	Maintain library parking pass system. Provide reduced parking fee for Marin Water customers who qualify for the District's low-income programs.	6 months
Slow Zones	Expand slow zones in priority locations to support safe trail conditions and sharing.	6–18 months
Pilot Study for Multi-Use and Bike Access	<ul style="list-style-type: none"> <li>• Pilot study to evaluate bike access and trail sharing techniques in targeted areas.</li> <li>• Class I e-bike pilot program for limited term period.</li> </ul>	6–12 months
Update to RTMP with Consideration for Visitor Experience and Stewardship	Begin update to 2005 RTMP to balance natural resource protection and visitor experience. Evaluate bike trail designation as part of trail classification system. Integrate modern trail standards and building techniques to guide operations and maintenance.	12–36 months
Watershed Accessibility	<ul style="list-style-type: none"> <li>• Develop list of priority projects to support visitor access.</li> <li>• Update Other Power-Driven Mobility Device Policy to include e-bikes.</li> </ul>	6–12 months
Outdoor Visitor Amenities	Evaluate opportunities for water fountains, restroom improvements, better trash collection, bike racks, bike fix-it stations, outdoor educational facility, horse troughs, benches, and road and trail infrastructure that can protect natural resources and support visitors.	12-24 months
Watershed Project Zoning	<p>Integrate zoning framework into the RTMP update to guide implementation of priority trail and road projects as well as Project Restore efforts. Framework will be structured around the following components:</p> <ul style="list-style-type: none"> <li>• Biological resources</li> <li>• Visitation patterns</li> <li>• Abiotic (physical) conditions</li> </ul>	12–36 months



# STRATEGIC OPPORTUNITY #4: MONITOR AND ADAPT

## Overview of Adaptive Management

Adaptive Management is an approach where the mission, goals, and objectives of an agency remain the same over time, but specific guidelines may adjust to changing circumstances. For Marin Water, this may look like changing policies or access to adjust to shifts in the environment or visitors. Some changes are to be expected around habitat restoration and recreation patterns. Having the structures in place to monitor, evaluate, and amend approaches to stewardship will set up Marin Water for long-term success.

## What We Heard

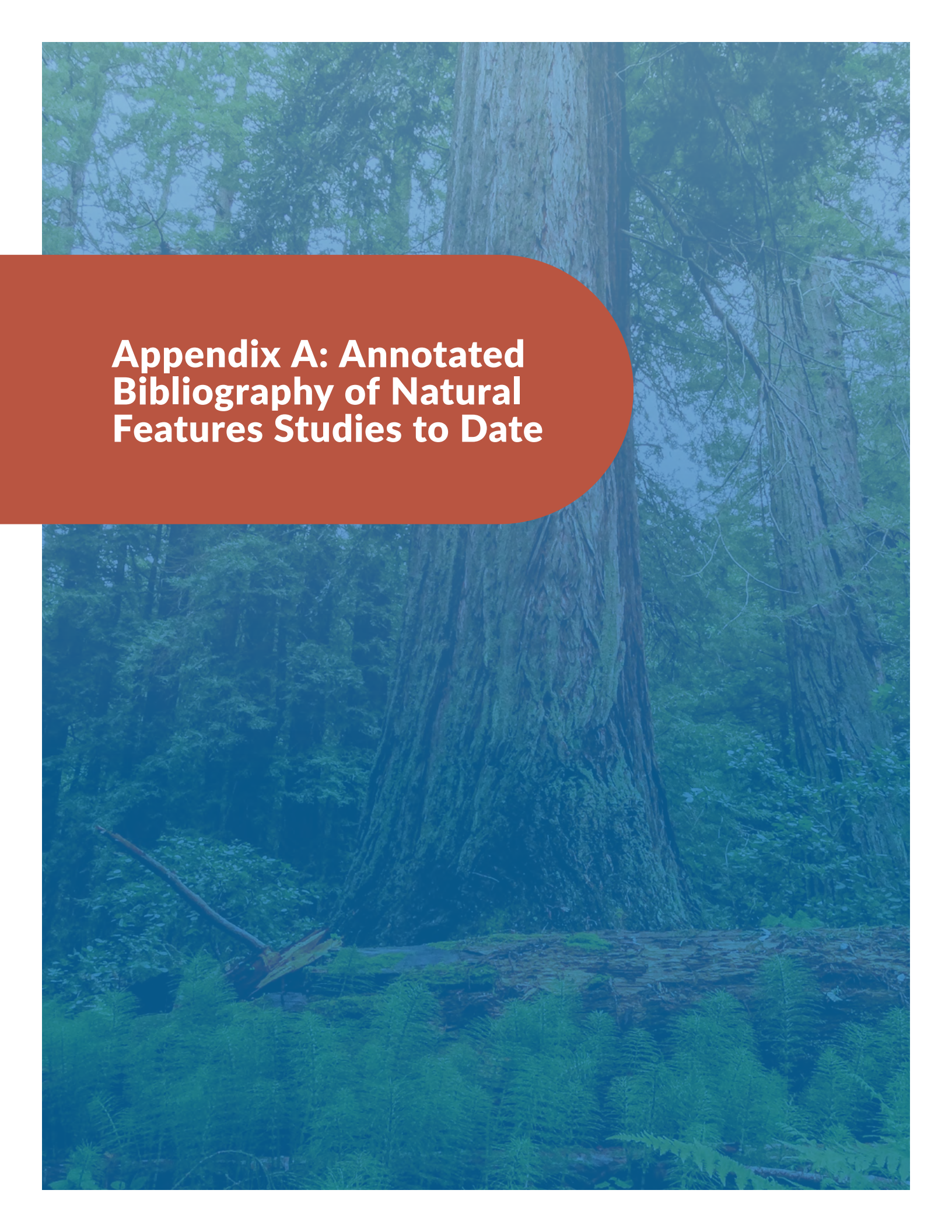
As the Watershed continues to evolve it is important to continually study the Watershed and solicit feedback from different users to understand its condition and how visitors are interacting with District lands. During workshop #6 participants identified a need to adaptively manage the current roads and trails plan to respond to changing environmental and visitor conditions.



*Western azalea flower found at the Potrero Meadows picnic area*

## Strategic Opportunities to Monitor and Adapt

OPPORTUNITY	DESCRIPTION	IMPLEMENTATION TIMEFRAME
10-Year Visitor Service Updates	Update the understanding of visitors to inform management of recreation of the District.	Once every 10 years beginning in 2033
Early Detection Rapid Response Invasive Plant Management Along Roads and Trails	Monthly independent and small-group habitat restoration opportunities which focus on invasive species control.	6–18 months

The background of the slide is a photograph of a large, ancient tree trunk in a forest. The tree trunk is the central focus, showing its rough, textured bark. The forest floor is covered with green ferns and other vegetation. The sky is visible through the canopy of trees in the background. A semi-transparent blue circle is overlaid on the left side of the image, containing the title text in white.

## **Appendix A: Annotated Bibliography of Natural Features Studies to Date**





# memorandum

date September 1, 2023

to Brian Burchfield, PLA, Alta Planning + Design

cc Steve Roelof, PLA, ASLA; Principal Landscape Architect – ESA

from Jeff Barna, MS, PWS; Senior Ecologist – ESA

subject MMWD Recreation Management Plan: Recreation Management Zones – DRAFT Annotated Bibliography of Natural Features Studies to Date

The goal of this *Annotated Bibliography* is to summarize all existing information for the area of interest, setting a baseline of knowledge for informed planning and research purposes. This *Annotated Bibliography* identifies and summarizes information resources of natural features developed and published for Marin Municipal Water District (MMWD) lands. The exhaustive information study leading to this *Annotated Bibliography* examined various known information and data sources, including the Marin Municipal Water District, One Tam, USGS, PointBlue, iNaturalist, and eBird, in addition to technical sources of primary literature. Information from these sources spanned a wide range of time, topics, and formats. While some information sources are relatively contemporary, many are older and have limited applicability beyond providing a historic baseline. Topics ranged from vegetation, plants (rare and invasive), pathogens, habitats, wildlife (general), birds, mammals, amphibians, reptiles, and sensitive wildlife species. This information is in various formats, including technical studies, white papers, peer reviewed publications, geospatial data, maps, consultation/permit documents, management plans, databases, webpages, lists, and monitoring reports.

The upshot of this study is that a diversity of information exists for MMWD lands, as well as a diversity of information gaps (summarized on by One Tam on their Information Gaps webpage; see citation below).

Resources identified are organized by the following topics: *Ecology and Habitats; Vegetation, Plants, and Plant Pathogens; Wildlife; and Biological / Ecological Setting of the Watershed*. Sub-topics are also included, as appropriate to highlight important topics or taxa. Under each topic, each citation is listed in descending order by date to highlight age and applicability. Sources repeated though time, like monitoring surveys, are clustered together.



## Ecology and Habitats

*OneTam. (2023). How healthy are Mt. Tam's natural resources?; Information Gaps webpage. <https://www.onetam.org/peak-health/information-gaps#insects>.*

- **Key Words:** insects, California giant salamander, bats, small mammals, seeps, springs, wet meadows, riparian forests, woodlands, hardwood forests and woodlands, Douglas-fir forests, lichens, soils, hydrologic functions
- **Summary:** In addition to helping share what is known about the health of Mt. Tam, this assessment process revealed critical data gaps for a number of important health indicators. One Tam agencies are planning to develop inventory and monitoring plans for many of these in the near future. Click on one of the links below to jump to a particular topic.

*Marin Municipal Water District (District) Sky Oaks Watershed HQ. (2014). Serpentine Habitat GIS Dataset Selection.*

- **Key Words:** serpentine habitat, GIS
- **Summary:** (not accessible/reviewed)

*Marin Municipal Water District (District) Sky Oaks Watershed HQ. (2014). Wetlands and Waterbodies GIS Dataset Selection.*

- **Key Words:** wetlands, waterbodies, GIS
- **Summary:** (not accessible/reviewed)

*Leonard Charles and Associates (LCA). (2009). Biodiversity Management plan for Marin Municipal Water District Lands. Leonard Charles Associates, San Anselmo. CA.94960.*

- **Key Words:** vegetation, plant, flora, fauna, wildlife, species, Marin Municipal Water District
- **Summary:** (not accessible/reviewed)

## Vegetation, Plants, and Plant Pathogens

### Sudden Oak Death

*Marin Municipal Water District (District). (2017). Literature Review of Technical Studies Regarding Sudden Oak Death. <https://www.marinwater.org/sites/default/files/2020-10/Sudden%20Oak%20Death%20Publications.pdf>.*

- **Key Words:** resiliency, restoration, management, sudden oak death, before and after outbreak, Phytophthora
- **Summary:** Multi-benefit forestry projects continue in several key areas across Mount Tamalpais Watershed lands as guided by Marin Water's Biodiversity, Fire, and Fuels Integrated Plan. The projects are meant to: restore forest health, through selective thinning of small diameter conifer trees, which would otherwise be naturally removed by wildfire in this fire-adapted landscape, and through the

protection of oak woodlands from the spread of sudden oak death by reducing the volume of infected biomass; conserve valuable native habitat through removal of non-native invasive species such as French broom, which includes extensive early detection surveys for new weeds before they become established; improve wildfire resilience to protect critical water storage and delivery infrastructure such as reservoirs, treatment facilities, pipelines, and dams, which are essential to providing clean water for more than 191,000 of our water customers; and increase understanding of forest ecosystems through extensive pre-project surveys for nesting birds, sensitive wetland communities, bat roosts, woodrat nests, rare plants, snags, and other valuable habitat, which also ensures that work will not inadvertently harm natural resources. Numerous peer-reviewed studies are included in this package, with the most recent being from 2017.

*Marin Municipal Water District (District) Sky Oaks Watershed HQ. (2014). Sudden Oak Death 2014 GIS dataset.*

*Marin Municipal Water District (District) Sky Oaks Watershed HQ. (2004). Sudden Oak Death 2004 GIS dataset.*

- **Key Words:** sudden oak death, GIS
- **Summary:** (not accessible/reviewed)

*McPherson, B. A., Mori, S. R., Wood, D. L., Kelly, M., Storer, A. J., Svihra, P., & Standiford, R. B. (2010). Responses of oaks and tanoaks to the sudden oak death pathogen after 8 years of monitoring in two coastal California forests. Forest Ecology and Management, 259 (12), 2248-2255. <https://www.sciencedirect.com/science/article/abs/pii/S0378112710001106>.*

- **Key Words:** sudden oak death, monitoring, tanoak,
- **Summary:** Sudden oak death (SOD) continues to infect and kill oaks and tanoaks in coastal central and northern California. This study from 2010 summarizes monitoring of two survey locations, with one being on the District lands.

## **Invasive Plants**

*Matheny, N., L.R. Costello, C. Randisi, and R. Gilpin. (2021). Plant Salt Tolerance List for the San Francisco Bay Area Landscapes. Online Microsoft Excel Workbook. Accessed 5 Sept 2023. <https://view.officeapps.live.com/op/view.aspx?src=https%3A%2F%2Fwww.marinwater.org%2Fsites%2Fdefault%2Ffiles%2F2022-03%2FPlant%2520Salt%2520Tolerance%2520List%2520for%2520SF%2520Bay%2520Area%2520Landscapes.xlsx&wdOrigin=BROWSELINK>.*

- **Key Words:** plant, salt tolerance, San Francisco Bay Area Landscapes
- **Summary:** The *Plant Salt Tolerance List for the San Francisco Bay Area Landscapes* contains over 500 species of trees, shrubs, vines, perennials, and grasses. The list includes ratings for salt tolerance, water use, plant type, and whether the plant is native to California and/or invasive. The ratings are approximations; plant response will vary depending on specific site and microclimate variables. Refer to the Guide, page 32 for instruction on how to use this List to develop a plant palette that is appropriate to the irrigation water quality and the landscape soil conditions.

*Kesel, R. and Greenberger, D. 2020. Early Detection Beyond Boundaries. San Francisco, CA. [www.onetam.org](http://www.onetam.org).*

<https://www.onetam.org/sites/default/files/pdfs/Beyond%20Boundaries%20One%20Tam%20EDRR%20Report%202020.pdf>.

- **Key Words:** invasive, species, early detection, exotic, plant
- **Summary:** The four agencies entrusted with caring for Mt. Tamalpais' tens of thousands of acres of open space consider invasive plant management a key part of their missions to protect the mountain's iconic landscapes, and the plants and animals that call them home. Because invasive plant populations do not stop at property lines, in 2016 the One Tam collaborative joined these four agencies in partnership with the nonprofit Golden Gate National Parks Conservancy to create a coordinated Early Detection Rapid Response (EDRR) program. This report synthesizes early detection efforts from 2014 to 2018—which spans the EDRR program's lead-up, inception, and first years. It includes details about the program's organization, methodology, and results. It also offers a deeper analysis of species distributions and of survey and treatment efforts. Detailed strategies for addressing widespread weeds are discussed.

*Marin Municipal Water District (District). (2018). 2018 Broom Mapping on Mt. Tamalpais Watershed Lands. Online map. <https://www.marinwater.org/sites/default/files/2020-09/Broom%20Map.pdf>.*

- **Key Words:** broom, mapping, Mt. Tamalpais Watershed, Management
- **Summary:** Total broom extent increased by over 100 acres, or approximately 7%, at a rate of around 20 acres a year, less than half the rate of spread from 2008-2013. This mapping and data summary provides associated detail.

*Marin Municipal Water District (District) Sky Oaks Watershed HQ. (2016). Vegetation Management Broom Areas GIS dataset.*

- **Key Words:** invasive, species, vegetation management, broom, GIS
- **Summary:** (not accessible/reviewed)

*Marin Municipal Water District (District) Sky Oaks Watershed HQ. (2016). Vegetation Management Invasive Species Locations GIS dataset.*

- **Key Words:** invasive, species, vegetation management, broom, GIS
- **Summary:** (not accessible/reviewed)

*Marin Municipal Water District (District). (2010). Invasive Plant List. May 2010. [https://www.marinwater.org/sites/default/files/2020-12/Invasive\\_Plant\\_List.pdf](https://www.marinwater.org/sites/default/files/2020-12/Invasive_Plant_List.pdf)*

- **Key Words:** invasive, plant, species
- **Summary:** Summary and guidance document regarding invasive plants known or feared to occur, and strategies for their control.

## **Rare Plants**

*California Native Plant Society (CNPS). (2023). Inventory of Rare, Threatened, and Endangered Plants of California. Sacramento, CA. <http://www.rareplants.cnps.org>*

- **Key Words:** rare, plant, inventory, GIS

- **Summary:** (not accessed)

**Williams, A. and M. O'Herron. (2019). *Marin Municipal Water District Rare Plant Inventory Update. Corte Madera, CA: Marin Municipal Water District. <https://www.marinwater.org/sites/default/files/2020-09/Rare%20Plant%20Report%20Update.pdf>.***

- **Key Words:** rare, plant, inventory
- **Summary:** This document serves to update the 1990 Patterson report with what has been learned through all of this work, providing a summary of each rare plant species' status, biology, and locations, as well as specific threats, data gaps, and management considerations. This updated inventory, based on data mining and five-plus field seasons of searches, aims to provide more current information as well as a comprehensive look at rare plants and their habitats on all the lands MMWD stewards—including Nicasio and Soulajule. While borrowing heavily from the 1990 Patterson report, this document represents a fresh jumping-off point to direct management, monitoring, and additional research.

**Smith, D. (2008). *Rare Plants of the Marin Municipal Water District lands. Presented at the Mt. Tamalpais Watershed Symposium, April 11, 2008.***

- **Key Words:** rare plants, species, Marin Municipal Water District
- **Summary:** (not accessible/reviewed)

**Patterson, C.A. (1990). *Sensitive Plant Survey of the Marin Municipal Water District, Marin County, California.***

- **Key Words:** sensitive plant, species, Marin Municipal Water District
- **Summary:** (not accessible/reviewed)

## **Vegetation - General**

**Consortium of California Herbaria (CCH). (2023). *Data from [ucjeps.berkeley.edu/consortium/](http://ucjeps.berkeley.edu/consortium/)***

- **Key Words:** vegetation, plant, herbaria
- **Summary:** (not accessed)

**Golden Gate National Parks Conservancy. (2023). *Marin Regional Forest Health Strategy. Tamalpais Lands Collaborative (One Tam). <https://www.onetam.org/our-work/forest-health-resiliency>.***

- **Key Words:** Marin Regional Forest Health Strategy, stressors, plant disease, introduced weeds, present and past land-use, legacy of colonization, changing climate, forest resilience
- **Summary:** The unique and vital role of Marin's forests as providers of natural beauty, abundant life, and community well-being, requires that land managers thoughtfully consider the overall health and condition of these complex systems. To effectively care for Marin County forests, it is important to identify and evaluate the impact that stressors such as plant disease, introduced weeds, present and past land-use, the legacy of colonization, and a changing climate may have on long-term forest resilience, defined as the capacity of forest ecosystems to absorb or recover from disturbance while undergoing change to retain desired ecosystem services and functions. The Marin Regional Forest Health Strategy (Forest Health



Strategy) is a crucial step forward in understanding the condition of key forest communities in Marin County. Utilizing best available data, local knowledge, and expert analysis, the Forest Health Strategy provides essential insight into the threats currently impacting forest resilience in Marin.

*Ackerly, D.D., Morueta-Holme, N., Heller, N., McLaughlin, B., Micheli, L., and Veloz, S. (2016). Climate Ready Vegetation Report: Marin Landscape Unit. Prepared by the Terrestrial Biodiversity Climate Change Collaborative, Santa Rosa, CA, 4pp. Retrieved from <http://www.pepperwoodpreserve.org/wp-content/uploads/2016/05/Climate-ReadyVegetation-Report-Marin-Coast.pdf>.*

- **Key Words:** climate ready vegetation, Marin Landscape Unit
- **Summary:** (not accessible/reviewed)

*Aerial Information Systems, Inc (AIS). (2015). Summary Report for the 2014 Photo Interpretation and Floristic Reclassification of Mt. Tamalpais Watershed Forest and Woodlands Project, prepared by Aerial Information Systems, Inc. for the Marin Municipal Water District.*

- **Key Words:** floristic reclassification, photo interpretation, species, Marin Municipal Water District, Forest and Woodlands Project
- **Summary:** (not accessible/reviewed)

*Williams, A., A. Young, T. Gosliner, J. Klein, and S. Whelan. (2015). Snapshots and Specimens: A Volunteer Botanical Bioblitz on Mt. Tamalpais. Proceedings from the California Native Plant Society 2015 Symposium.*

- **Key Words:** vegetation, plant, flora, Marin, botanical bioblitz, Mt. Tamalpais
- **Summary:** (not accessible/reviewed)

*Steers, R. J., & Spalding, H. L. (2013). Native component grasslands of the Marin Headlands. Natural Resource Technical Report NPS/SFAN/NRTR—2013/832. National Park Service, Fort Collins, Colorado.*

- **Key Words:** vegetation, plant, flora, Marin headlands, grassland, native
- **Summary:** (not accessible/reviewed)

*Aerial Information Systems, Inc. (2008). Marin County Open Space District Vegetation Photo Interpretation and Mapping Classification Report, prepared by Aerial Information Systems, Inc. for Marin County Parks.*

- **Key Words:** Marin County Open Space District, vegetation photo interpretation and mapping classification
- **Summary:** (not accessible/reviewed)

*Howell, J.T., F. Almeda, W. Follette, and C. Best. (2007). Marin Flora. California Academy of Sciences, San Francisco, and California Native Plant Society, Marin Chapter.*

- **Key Words:** vegetation, plant, flora, Marin

- **Summary:** (not accessible/reviewed)

*Evens, J. and E. Kentner. (2006). Classification of Vegetation Associations from the Mount Tamalpais Watershed, Nicasio Reservoir, and Soulajule Reservoir in Marin County, California. California Native Plant Society, Sacramento CA.*

- **Key Words:** classification of vegetation associations, species, Mount Tamalpais Watershed, Nicasio Reservoir, Soulajule Reservoir
- **Summary:** (not accessible/reviewed)

*Leonard Charles Associates. (1995). Mt. Tamalpais Area Vegetation Management Plan.*

- **Key Words:** vegetation, Mt. Tamalpais, vegetation management plan
- **Summary:** (not accessible/reviewed)

*Marin Municipal Water District (District). (1994, September). Final Environmental Impact Report for the Mt. Tamalpais Vegetation Management Plan. Available at: <http://www.firesafemarin.org/cwpp>.*

- **Key Words:** vegetation, Mt. Tamalpais, vegetation management plan
- **Summary:** (not accessible/reviewed)

## **Wildlife**

### **Wildlife (General)**

*Townsend, S.E. (2015). The Marin Wildlife Picture Index Project, Pilot for Monitoring Wildlife in Marin County: Interim Analysis (Final Administrative Draft), Marin County Parks, Marin Municipal Water District, State Parks Samuel P. Taylor, Golden Gate National Recreation Area. Oakland, California. July 31.*

- **Key Words:** wildlife, habitat, monitoring
- **Summary:** (not accessible/reviewed)

*Marin Municipal Water District (District). (2012). Draft Wildlife Protection and Habitat Improvement Plan (WPHIP). August 2012.*

- **Key Words:** wildlife, habitat
- **Summary:** (not accessible/reviewed)

### **Yellow-legged Frog**

*Garcia and Associates (GANDA). (2020). Foothill Yellow-legged Frog Monitoring at Little Carson Creek and Big Carson Creek, Mt. Tamalpais Watershed, 2018 – 2019. Prepared for: Marin Municipal Water District. Prepared By: Garcia and Associates. January 2020. <https://www.marinwater.org/sites/default/files/2020-10/Foothill%20Yellow-legged%20Frog%202018-19.pdf>.*

*Garcia and Associates (GANDA). (2016). Foothill Yellow-Legged Frog Breeding Success and Monitoring at Little Carson Creek and Big Carson Creek, Mt. Tamalpais Watershed, 2005-2016.*

*Garcia and Associates (GANDA). (2003). Foothill Yellow-legged Frog Surveys and California red-legged frog Protocol Surveys 2003. Unpublished report. Prepared for Marin Municipal Water District. Available from MMWD.*

- **Key Words:** foothill yellow-legged frog, surveys, California red-legged frog
- **Summary:** Since 2004, Garcia and Associates has conducted annual monitoring of foothill yellow-legged frogs (*Rana boylei*) on Marin Municipal Water District land within the Mt. Tamalpais Watershed. These reports include monitoring results from spring and fall of 2018 and 2019, in addition to prior years surveys and monitoring activities. Monitoring was performed at Little Carson Creek and Big Carson Creek and its two tributaries. Study objectives were to locate breeding sites, identify breeding periods, record egg masses, tadpoles, metamorphs (young-of-the-year), juveniles, and adults, and assess population trends. Surveys for egg masses, tadpoles, juveniles, and adults were conducted from March to late May and surveys for young-of-the-year (YOY) were conducted in October and early November. Detailed findings are summarized in these reports.

## Turtles

*Ettlinger, E. (2016). Monitoring Turtles on the Mount Tamalpais Watershed – 2008-2015. Marin Municipal Water District.*

- **Key Words:** western pond turtle, monitoring
- **Summary:** (not accessible/reviewed)

*Fidenci, P. (2003). Mt. Tamalpais Watershed Western Pond Turtle Study Summary. Unpublished report prepared for MMWD. Available from MMWD.*

- **Key Words:** western pond turtle
- **Summary:** (not accessible/reviewed)

## Birds (General)

*Cormier, R. L., H. A. Allen, D. L. Humple. (2020). Abundance Patterns of Landbirds in the Marin Municipal Water District: 1996 to 2019. Point Blue Conservation Science (Contribution No. 2309), Petaluma, CA. <https://www.marinwater.org/sites/default/files/2020-10/Abundance%20Patterns%20of%20Landbirds%20in%20the%20Marin%20Water%20Watershed%201996%20-%202019.pdf>.*

*Cormier, R.L., N.E. Seavy, and D.L. Humple. (2014). Abundance Patterns of Landbirds in the Marin Municipal Water District: 1996 to 2013. Point Blue Report.*

- **Key Words:** landbirds, bird, abundance, habitats
- **Summary:** Many species of birds have declined in recent decades. Therefore, monitoring programs that can detect changes in bird populations are important because they can help inform land managers when additional management action or research may be warranted to protect these species. Point Blue Conservation Science monitored the abundance of landbirds in the Marin Municipal Water District (MMWD) from 1996 to 2019. Using these data, they analyzed trends in abundance for 41 species of birds

present during the breeding season. For 27 (65.8%) of the 41 species, there was no statistical evidence ( $P > 0.10$ ) of changes in their populations over the 23 year study period; five (12.2%) species were significantly ( $P < 0.05$ ) increasing, and an additional four (9.8%) species showed marginal ( $P < 0.10$  and  $> 0.05$ ) increases; four (9.8%) species were significantly declining, with an additional one (2.4%) species showing a marginally declining trend. Specific species trends are described in these documents.

***Marin Municipal Water District (District). (2012). Birds Known or Likely to Occur on MMWD Lands.***

- **Key Words:** bird, MMWD, Marin Municipal Water District
- **Summary:** (not accessible/reviewed)

***Gardali, T., Jongsomjit, D., & Stralberg, D. (2010). Developing habitat-based landbird models as planning tools for the Marin County Open Space District and the Marin Municipal Water District. Petaluma, CA: Point Reyes Bird Observatory (PRBO). Report to the Marin County Open Space District and the Marin Municipal Water District. PRBO Contribution #1736.***

- **Key Words:** landbird, habitat-based model, Marine County
- **Summary:** (not accessible/reviewed)

***Gardali, Tom. (2008). From sparrows to spotted owls: long-term avian monitoring in the Marin Municipal Water District. Presented at the Mt. Tamalpais Watershed Symposium, April 11, 2008, Mill Valley Community Center. Available at: [http://www.marinwater.org/documents/Mt\\_Tam\\_Biodiversity\\_Conference\\_041108.pdf](http://www.marinwater.org/documents/Mt_Tam_Biodiversity_Conference_041108.pdf)***

- **Key Words:** landbird, spotted owl, long-term avian monitoring, Marin Municipal Water District
- **Summary:** (not accessible/reviewed)

## **Northern Spotted Owl**

***California Department of Fish and Wildlife (CDFW). (2017). Spotted Owl Observations GIS dataset.***

- **Key Words:** northern spotted owl, GIS
- **Summary:** (not accessible/reviewed)

***Cormier, R. L. (2015). Northern Spotted Owl Monitoring on Marin County Open Space District and Marin Municipal Water District Lands, 1995 to 2015 Report. Point Blue Report. <https://www.nps.gov/goga/learn/management/upload/-7866-SFAN-SPOW-2009.pdf>.***

- **Key Words:** northern spotted owl, monitoring, Marin County
- **Summary:** (not accessible/reviewed)

***Natural Resource Geospatial Geodata Systems Development GIS / Information Services and U.S. Fish and Wildlife Service. (2012). Northern Spotted Owl Critical Habitat GIS dataset.***

- **Key Words:** northern spotted owl, GIS, critical habitat
- **Summary:** Geospatial data of location of federal critical habitat for northern spotted owls.



*Press, D., W. W. Merkle, and H. J. Jensen. (2011). Monitoring northern spotted owls on federal lands in Marin County, California: 2009 annual report. Natural Resources Technical Report. NPS/SFAN/NRTR—2011/423. National Park Service, Fort Collins, Colorado. <https://www.nps.gov/goga/learn/management/upload/-7866-SFAN-SPOW-2009.pdf>.*

- **Key Words:** spotted owl, pairs, breeding, monitoring, fecundity
- **Summary:** Spotted owl pair occupancy in 2009 was the second highest reported, and fecundity was above average for the program's 11 years of monitoring. Pairs of spotted owls occupied 27 of the 30 (90%) long-term monitoring sites. Of the 26 females with known reproductive status, 19 females (73%) attempted nesting. With two nest failures, the remaining 17 nests yielded a confirmed total of 27 young. A total of seven non-nesting females were confirmed at the 30 sites. In 2009, the fecundity estimate of 0.52 (SE  $\pm$ 0.09) was above the average fecundity of 0.40 (SD  $\pm$ 0.22) measured at monitoring sites from 1999 to 2009.

*Hatch, D., Allen, S., Geupel G., & Semenov-Irving, M. (1999). Northern spotted owl demographic study Marin County, California (Unpublished annual report). San Francisco, CA: National Park Service.*

- **Key Words:** northern spotted owl, Marin County, demographics
- **Summary:** (not accessible/reviewed)

## Osprey

*Avocet Research Associates, LLC. (2020). Osprey (*Pandion haliaetus*): the 2019 Nesting Season Kent Lake Reservoir, Marin Municipal Water District, Marin County, California. Final report to: Marin Municipal Water District. 29 June 2019; Revised 9 Jan 2020. <https://www.marinwater.org/sites/default/files/2020-10/Osprey%20%28Pandion%20haliaetus%29%20-%20The%202019%20Nesting%20Season.pdf>.*

*Evens, J.G. (2015). Osprey (*Pandion haliaetus*): Evens, J.G. (2001). Ospreys at Kent Lake, Marin County, California: the 2015 Breeding Season with Reference to 25 Years of Monitoring. Final Report.*

- **Key Words:** osprey, nesting, Kent Lake,
- **Summary:** The Kent Lake Osprey colony was founded in the mid-1960s, with the first nest reported from the Big Carson arm in 1967. Beginning in 1981, Marin Municipal Water District (MMWD) initiated a monitoring effort to determine the species and location of nesting trees, the number of active nests, and the reproductive success of the colony. This monitoring effort ("Phase I") continued each year from 1981-2000, except for 1990. It then continued to 2019. Osprey are a good indicator of aquatic health because of their reliance on fish, which rely on macroinvertebrates, and nesting density is indicative of carrying capacity. Additional details about the Kent Lake Osprey colony are provided in these documents.

## Wild Turkey

*Fehring, K. E., M. Herzog, T. Gardali, A. Ranch. (2007). Wild Turkey Management Surveys.*

*Point Reyes Bird Observatory (PRBO). (2007). Wild Turkey Management Surveys. Prepared for National Park Service, Marin Municipal Water District, Audubon Canyon Ranch.*

- **Key Words:** wild turkey, management
- **Summary:** (not accessible/reviewed)

## Mammal

*Western Ecological Research Center (WERC), U.S. Geological Service. (2017) Bat Research in California. October 30, 2017. [https://www.usgs.gov/centers/werc/science/bat-research-california?qt-science\\_center\\_objects=0#qt-science\\_center\\_objects](https://www.usgs.gov/centers/werc/science/bat-research-california?qt-science_center_objects=0#qt-science_center_objects).*

- **Key Words:** bats, Marin County
- **Summary:** The primary goal of this bat research program is to develop projects that increase our understanding of basic ecology and natural history of western bat species, while simultaneously providing needed data to inform conservation measures and management decisions. One of the research sites in in Marine County, lending insight to the area of interest.

*Garcia and Associates (GANDA). (2004). Structural survey for bats for the Marin Municipal Water District Mt. Tamalpais watershed. Unpublished report. Prepared for Marin Municipal Water District. Available from MMWD.*

- **Key Words:** bats, Marin Municipal Water District
- **Summary:** (not accessible/reviewed)

## Information Summaries - Biological / Ecological Setting of the Watershed

*OneTam Biodiversity Webpage. (2023) Available at: <http://www.onetam.org/biodiversity>.*

- **Key Words:** wildlife, plants, habitat, rare species, protected species
- **Summary:** (not accessible/reviewed)

*California Department of Fish and Wildlife (CDFW). (2023). California Natural Diversity Database GIS dataset.*

- **Key Words:** wildlife, plants, habitat, rare species, protected species
- **Summary:** (not accessed)

*iNaturalist. (2023). Community science observational data for all organisms, organized by location. <https://www.inaturalist.org>. Accessed.*

- **Key Words:** wildlife, plants, rare species, protected species
- **Summary:** (not accessed)

*Sullivan, B.L., C.L. Wood, M.J. Iliff, R.E. Bonney, D. Fink, and S. Kelling. (2023). eBird: a citizen-based bird observation network in the biological sciences. *Biological Conservation* 142: 2282-2292. <https://ebird.org/home>.*

- **Key Words:** bird, rare species, protected species
- **Summary:** (not accessed)

*Panorama Environmental, Inc. (2019). Final Program Environmental Impact Report for the Biodiversity, Fire, and Fuels Integrated Plan. Prepared for: Marin Municipal Water District (District). State Clearinghouse No. 2017012007. October 2019. <https://www.marinwater.org/sites/default/files/2020-11/BFFIP%20Final%20EIR%20and%20Response%20to%20Comments.pdf>.*

- **Key Words:** rare, plant, invasive, owl, Appendix D: Special-Status Species Known to Occur or with Potential to Occur on MMWD Lands, Appendix E: Extirpated Plant Species on MMWD Lands
- **Summary:** Marin Municipal Water District (District) proposes to implement the Biodiversity, Fire, and Fuels Integrated Plan (“BFFIP” or “proposed project”). The purpose of the BFFIP is, in a large part, to identify the tools and actions the District can take to reduce fuel loads and fire risks and improve ecosystem health. was prepared to analyze the environmental impacts of the proposed project. The EIR considered the proposed project and alternatives that would reduce or avoid significant environmental impacts. In doing so, it summarizes many studies and their findings, to date.

*OneTam. (2018). Roy’s Redwoods Open Space Preserve Site Analysis Technical Memo Draft. November 9, 2018. <https://www.onetam.org/sites/default/files/pdfs/draftroysredwoodssiteanalysistechnicalmemo11092018.pdf>.*

- **Key Words:** biological resources, plants, vegetation wildlife
- **Summary:** This Site Analysis Technical Memo is intended to support future planning and design efforts at the Preserve, and it documents the work undertaken from May 2017 through May 2018; key site analysis findings; and recommendations for further study and planning. The analysis included a visitor use survey, a literature review, a series of technical workshops, site inventory and mapping, and community engagement. A plan is needed to protect the diverse biological resources that the area offers, improve hydrologic function, preserve the rich history of the landscape, and provide access and amenities for visitors to enjoy the Roy’s Redwoods into the future.

*Edson, E., Farrell, S., Fish, A., Gardali, T., Klein, J., Kuhn, W., Merkle, W., O’Herron, M., and Williams, A., eds. (2016). Measuring the Health of a Mountain: A Report on Mount Tamalpais’ Natural Resources. Prepared for OneTam. <https://www.onetam.org/media/pdfs/peak-health-white-paper-2016.pdf>.*

- **Key Words:** biological resources, plants, vegetation wildlife, sensitive species
- **Summary:** This report represents the results of an unprecedented collaboration among Mt. Tam’s land managers, the Golden Gate National Parks Conservancy, and the scientific community to use the most current data and best expert judgement to understand and evaluate the mountain’s health. It provides an important benchmark by which managers can measure future change across jurisdictional boundaries. It also reveals many areas where not enough is known to draw meaningful conclusions, and represents new opportunities for future research and collaboration. This assessment is a critical first step in understanding how important aspects of the health of the mountain are faring, and articulating gaps in our current knowledge. With this new information in hand, land management agencies can determine how to further prioritize and incorporate these findings within the scope of ongoing resource work. This report summarizes key natural features, including rare plants and vegetation, habitats, and protected wildlife, and was develop din 2016.

*Leonard Charles and Associates. (2005). Final Program Environmental Impact Report, Mt. Tamalpais Watershed Road and Trail Management Plan. SCH No. 2004082018. Prepared for: Marin Municipal Water District. April 2005. <https://www.marinwater.org/sites/default/files/2023-02/Mt.%20Tamalpais%20Watershed%20Road%20and%20Trail%20Management%20Plan%20-%20Final%20Environmental%20Impact%20Report%2C%20April%202005.pdf>.*

- **Key Words:** vegetation, wildlife, habitat, special status species
- **Summary:** This report identifies specific improvements for roads and trails on the Mt. Tamalpais Watershed to reduce erosion from those roads and trails. It identifies Best Management Practices and Environmental Protection Measures to be used when conducting the erosion control projects and for future management of the roads and trails. It also contains an inventory of all roads and trails and makes recommendations about accepting certain roads and trails as official roads and trails, reclassifying other roads and trails, and closing or decommissioning certain roads and trails. Supporting details include information, to date, on wildlife, vegetation, and supporting habitat features.





## **Appendix B: Visitor Census Data Analysis**



## Introduction

In support of the Recreation Management Plan, the Marin Municipal Water District (MMWD) utilized data from a wide variety of sources in order to assess how visitors are interacting with the Watershed, gauge the quality of experiences and facilities, and assess total levels of usage compared to historical data. These data sources provided a wide lens in which to understand existing patterns of usage throughout the District and will provide tools for continued monitoring moving forward. This memo summarizes the data inputs used, the methodology for analysis of the data, and outputs generated from the collected data.

## Data Sources

MMWD utilized the following data sources during the Recreation Management Plan process:

- Streetlight Data – Aggregated cellphone data provided by StreetLight data provides high-level trend analysis of visitation
- In-Person Visitor Survey (Online Rate-payer Survey also collected)
- StravaMetro – Free data resource for public agencies using self-reported trips by users of the Strava App.
- Eco-Counter – Trail Counting equipment placed alongside the trail which counts the number of visitors passing by on the trail and differentiate between people walking and people biking

Each of these data sources are summarized in the sections below including the resulting outputs. The project team also used additional contextual data from MMWD including parking pass sales at Sky Oaks Headquarters and group permits to inform estimates.

## StreetLight Data

StreetLight Data provides anonymized cellphone GPS data to identify trends in transportation activities. For this study, StreetLight Data was purchased to support a zone activity analysis that investigates vehicle activity in 16 parking areas and bicycle/pedestrian activity in 5 pass-through zones throughout the Watershed District. This data provides high-level trends and may be limited in areas with low cellphone usage and low trip levels. Additionally, this data is reported as averages across the study period which reduces the effect of seasonal visitation peaks on the total estimated level of usage.

Data is reported as weekend and weekday average volumes for activity from May 1, 2021 to April 30, 2022. It is important to note that this time period corresponded with a pandemic related peak in visitation in parks and open space across California. Peak hourly volumes are calculated as the average value of the peak time-period volume. This data helped the team reach a clearer understanding of the following questions:

- What areas are the busiest parking areas during the week / weekend? When are they the busiest?
- What trailheads have the highest levels of bicycle and pedestrian visitors accessing the District?

### What areas are the busiest parking areas during the week / weekend? When are they the busiest?

Based on data from StreetLight, the parking areas with the highest level of peak period vehicle arrivals (i.e. vehicle parking) during an average weekday are East Peak, Throckmorton, and Deer Park. The weekend period experienced nearly three times the number of visitors during the peak period at the East Peak location. The locations with the highest level of peak period vehicle arrivals during the weekend are East Peak, Throckmorton, and Bootjack.

Generally, the peak period for studied locations during both the weekday and weekend periods occur during the mid-day (10am – 3pm). Early morning peak periods were observed at the Lake Lagunitas Parking, Natalie Coffin Greene, Deer Park, Sky Oaks HQ, Bullfrog Parking, Wood Lane. Crowne Road and Summit Ave experienced weekday peak periods between 3pm – 7pm; Ridgecrest was the only location to have a peak period after 7pm on the weekdays. Almost all locations experienced a peak period between 10am – 3pm on the weekend. The Cataract location was the only location studied to have a peak period between 6am – 10am on the weekend and Ridgecrest and Wood Lane experienced peaks between 3pm – 7pm. There were no peak periods on the weekend after 7pm based on available data.

Table 1. Peak Parking Periods for Weekdays and Weekends (StreetLight Data)

Zone Name	Weekday			Weekend Day		
	Peak Time Period	Average Hourly Vehicle Volume*	Total peak-period volume*	Peak Time Period	Peak Hourly Vehicle Volume*	Total peak-period volume*
East Peak	Mid-Day (10am-3pm)	9	44	Mid-Day (10am-3pm)	30	150
Throckmorton	Mid-Day (10am-3pm)	8	38	Mid-Day (10am-3pm)	19	94
Bootjack	Mid-Day (10am-3pm)	3	16	Mid-Day (10am-3pm)	11	57
Pantoll	Mid-Day (10am-3pm)	3	17	Mid-Day (10am-3pm)	10	52
Rock Spring	Mid-Day (10am-3pm)	2	8	Mid-Day (10am-3pm)	7	35
Lake Lagunitas Parking	Peak AM (6am-10am)	4	15	Mid-Day (10am-3pm)	7	34
Natalie Coffin Greene	Peak AM (6am-10am)	6	23	Mid-Day (10am-3pm)	5	25
Crown Road	Peak PM (3pm-7pm)	5	20	Mid-Day (10am-3pm)	4	21



Zone Name	Weekday			Weekend Day		
	Peak Time Period	Average Hourly Vehicle Volume*	Total peak-period volume*	Peak Time Period	Peak Hourly Vehicle Volume*	Total peak-period volume*
Deer Park	Peak AM (6am-10am)	7	27	Mid-Day (10am-3pm)	4	20
Leo Cronin Fish Viewing Area	Mid-Day (10am-3pm)	2	11	Mid-Day (10am-3pm)	4	20
Sky Oaks HQ Parking	Peak AM (6am-10am)	2	8	Mid-Day (10am-3pm)	4	19
Bullfrog Parking	Peak AM (6am-10am)	1	4	Mid-Day (10am-3pm)	3	14
Cataract	Mid-Day (10am-3pm)	1	5	Peak AM (6am-10am)	2	9
Summit Ave	Peak PM (3pm-7pm)	1	2	Mid-Day (10am-3pm)	1	7
Ridgecrest	Late PM (7pm-12am)	1	4	Peak PM (3pm-7pm)	1	4
Wood Lane	Peak AM (6am-10am)	2	9	Peak PM (3pm-7pm)	1	2

\*Streetlight data volumes are impacted by variations in app penetration and cellphone usage and are reflective of average weekday and weekend volumes across an entire year.

### What trailheads have the highest levels of bicycle and pedestrian visitors accessing the District?

StreetLight Data can differentiate between vehicles, bicyclists, and pedestrians and help identify whether individuals stop in a location or pass-through that location. Bicyclists and pedestrians accessing the District through one of the five study locations where multi-modal data was captured were counted as ‘pass-through’ trips; this means that they traveled through the study trailhead and continued into the District lands. Data reported from StreetLight Data is available in time periods of 4-5 hours. Based on the recorded volume of bicyclists and pedestrians during each period, the study team developed estimates of peak hour trips into the District by bicyclists (Table 2) and pedestrians (Table 3). These tables highlight that the Natalie Coffin Greene location is the most heavily used location by bicyclists and pedestrians during both the weekend and weekday periods. Additionally, this data indicates that the peak period for bicyclists and pedestrians accessing the District without a car is likely later during the weekday when compared to all visitors accessing the District. The peak period on the weekend across all studied locations besides Wood Lane is Mid-Day (10am – 3pm); Wood Lane experienced a peak period from 3pm – 7pm on the weekend.





Table 2. Peak Hour Bicycle Pass-Through Volumes by Parking Area

Zone Name	Weekday		Weekend Day	
	Peak Time Period	Peak Hourly Bicycle Volume	Peak Time Period	Peak Hourly Bicycle Volume
Natalie Coffin Greene	Peak PM (3pm-7pm)	49	Mid-Day (10am-3pm)	76
Summit Ave	Mid-Day (10am-3pm)	20	Mid-Day (10am-3pm)	33
Deer Park	Peak PM (3pm-7pm)	17	Mid-Day (10am-3pm)	24
Crown Road	Peak PM (3pm-7pm)	14	Mid-Day (10am-3pm)	20
Wood Lane	Peak PM (3pm-7pm)	1	Mid-Day (10am-3pm)	3

Table 3. Peak Hour Pedestrian Pass-Through Volumes by Parking Area

Zone Name	Weekday		Weekend Day	
	Peak Time Period	Peak Hourly Pedestrian Volume	Peak Time Period	Peak Hourly Pedestrian Volume
Natalie Coffin Greene	Mid-Day (10am-3pm)	33	Mid-Day (10am-3pm)	86
Summit Ave	Peak PM (3pm-7pm)	25	Mid-Day (10am-3pm)	66
Crown Road	Mid-Day (10am-3pm)	10	Mid-Day (10am-3pm)	16
Deer Park	Peak PM (3pm-7pm)	5	Mid-Day (10am-3pm)	12
Wood Lane	Peak PM (3pm-7pm)	2	Peak PM (3pm-7pm)	4

## In-Person Visitor Survey

The Marin Municipal Water District (MMWD) conducted a survey of users in 2012 to gauge overall usage and evaluate the user experience. In 2022, MMWD conducted a follow-up survey on the Watershed which repeated nine key questions from the 2012 survey. This report includes a comparison between 2012 and 2022 findings as well as summary findings from the additional ten questions from the 2022 in-person survey. This comparison offers a perspective on how use on the watershed has changed over the past decade and whether there are areas for improvement in the user experience.

### Data Collection

The 2022 in-person survey was conducted in-person at select trailheads and popular locations throughout the watershed between August 22, 2022 and November 7, 2022. This process mirrors the methodology used in the 2012 survey including multiple of the same survey questions in order to provide a direct comparison. This effort collected a total of 1,063 survey responses during this effort compared to the 1,293 responses collected during the 2012 effort. MMWD utilized the Survey123 mobile app to facilitate the survey and provided paper copies to respondents upon request. All completed paper copy surveys were entered into the Survey123 mobile app for data tracking. All results to the in-person survey are provided in **Appendix A**.

Additionally, MMWD conducted a web-based survey mirroring the in-person survey. During the survey period, various stakeholder groups are known to have encouraged members to provide more than one survey response. Due to this, results from the web-based survey are likely skewed and not representative of all visitors to Mt. Tam. Compiled results from the web-based survey are included in **Appendix B** for reference.

## Survey Historical Comparison (2012 to 2022)

### Key Takeaways

High level similarities and differences emerged from the 2012 and 2022 historical survey comparison. The following list summarizes key takeaways and new patterns identified in the comparison:

- Respondents to the 2022 in-person survey skewed slightly older than the 2012 respondents.
- Visitation times and durations did not change significantly between 2012 and 2022.
- 2022 arrival modes to the watershed are similar to those in 2012, however, 2022 respondents were given the option to report e-biking as their mode of transportation. E-biking is a growing trend.
- The proportion of respondents who enjoy hiking, biking, and dog walking in the watershed increased in 2022.
- Sense of safety among survey respondents increased from 59% in 2012 to 91% in 2022.
- Visitor trail experiences improved in all areas from 2012 to 2022 based on the survey.
- Respondents identified “Prioritize social trail closures and restoration activities to reduce the impacts of watershed visitors” and “Create multi-use trail connections to separate visitors in high use areas” as trail management strategies they were most in support of.

### Visitor Age

Figure 1 shows the age distribution of survey respondents who provided their age. Age category distributions skewed to represent an older population in both the 2012 and 2022 in-person surveys. In 2012, the largest age group of respondents (23%) was between the ages of 45 and 54. In 2022, the largest age group of respondents changed slightly, with the largest group (24%) between the ages of 55-64. Respondents aged 65 and over increased from 13% in 2012 to 21% in 2022.

Figure 1: Visitor Age Comparison Between 2022 In-person survey and 2012 Survey

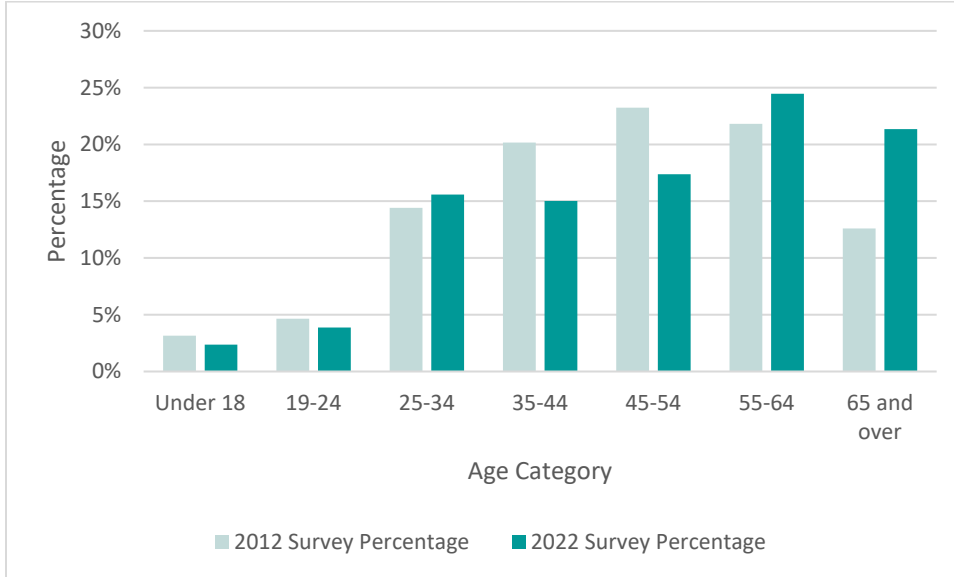


Table 4: Visitor Age Comparison Between 2022 in-person survey and 2012 Survey

Q1: Please enter your age group	Percentage		Total Responses	
	2012	2022	2012	2022
Under 18	3.1%	2.5%	40	81
19-24	4.6%	2.7%	59	90
25-34	14.4%	12.7%	183	418
35-44	20.2%	16.9%	256	554
45-54	23.2%	21.6%	295	707
55-64	21.8%	22.2%	277	728
65 and over	12.6%	21.4%	160	701
<b>Total</b>	<b>100%</b>	<b>100%</b>	<b>1270</b>	<b>3279</b>

**How frequently do you visit Mt. Tam?**

Figure 2 shows how often respondents visit Mt. Tam. Weekly, monthly, and daily visitor frequency increased in the 2022 in-person survey compared to the 2012 survey. Most respondents (40%) in the 2022 in-person survey visit the watershed on a weekly basis.

Figure 2: Visitor Frequency Comparison Between 2022 in-person survey and 2012 Survey

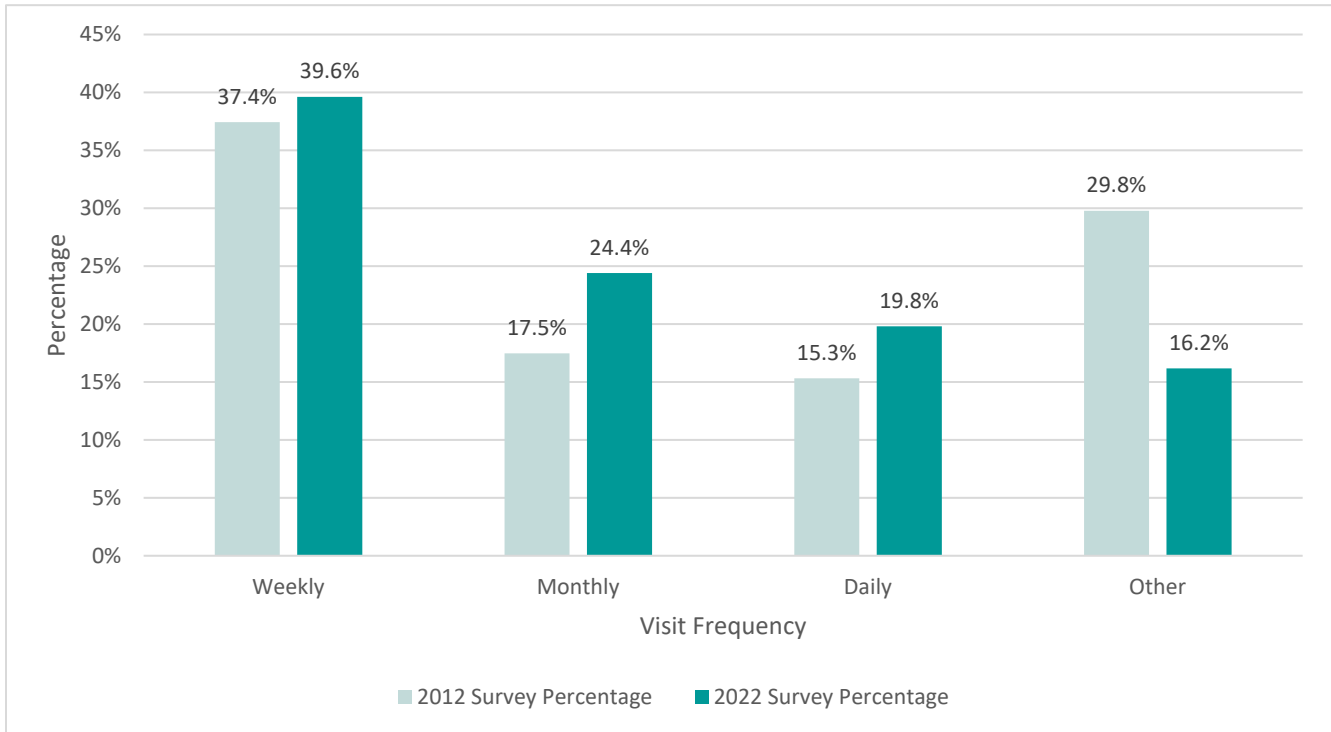


Table 5: Visitor Frequency Comparison Between 2022 in-person survey and 2012 Survey

Q3: How frequently do you visit Mt. Tam?	Percentage		Total Responses	
	2012	2022	2012	2022
Weekly	37.4%	48.6%	484	1598
Monthly	17.5%	21.9%	226	721
Daily	15.3%	19.1%	198	628
Other	29.8%	10.4%	385	343
<b>Total</b>	<b>100.0%</b>	<b>100.0%</b>	<b>1293</b>	<b>3290</b>

### When do you typically visit?

According to 2022 in-person survey respondents, the most popular time of day for visiting the watershed is in the morning (48%), followed by the afternoon (36%) and the evening (16%). These numbers similarly reflect percentages in the 2012 survey where 45% reported morning, 41% reported afternoon, and 14% reported evenings as their typical time of day for visiting. 2022 respondents reported Saturdays and Sundays as their typical day for visiting, with 63% reporting Saturday and 54% reporting Sunday. In both the 2012 and 2022 in-person surveys, Friday was reported as the most common weekday for visiting.



Figure 3: Typical Visiting Days of the Week in the 2022 in-person survey

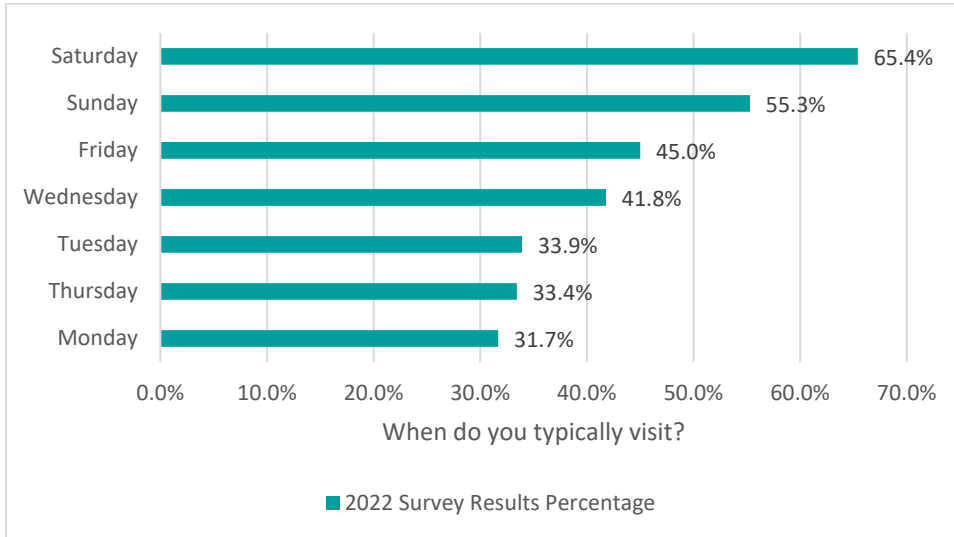


Figure 4. Typical Visiting Times of Day in the 2022 in-person survey

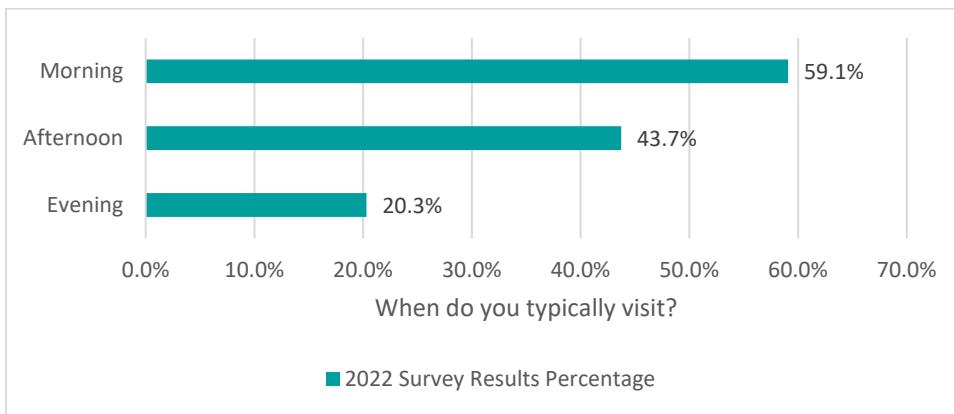


Table 6: Typical Visits by Time-of-Day Comparison Between 2022 in-person survey and 2012 Survey

When do you typically visit?	Percentage		Total Responses	
	2012	2022	2012	2022
Morning	45%	48%	652	608
Afternoon	41%	36%	601	450
Evening	14%	16%	210	209
<b>Total</b>	<b>100%</b>	<b>100%</b>	<b>1463</b>	<b>1267</b>

### How long do you typically visit?

Most respondents in the 2012 (45%) and 2022 (52%) surveys reported spending 1-2 hours at the watershed during a typical visit. The percentage of respondents who visit for less than an hour and for 2-4 hours decreased from 2012 to 2022. The percentage of respondents who visit for more than 4 hours increased by 1%.

Figure 5: Typical Length of Visit Comparison Between 2022 In-person survey and 2012 Survey

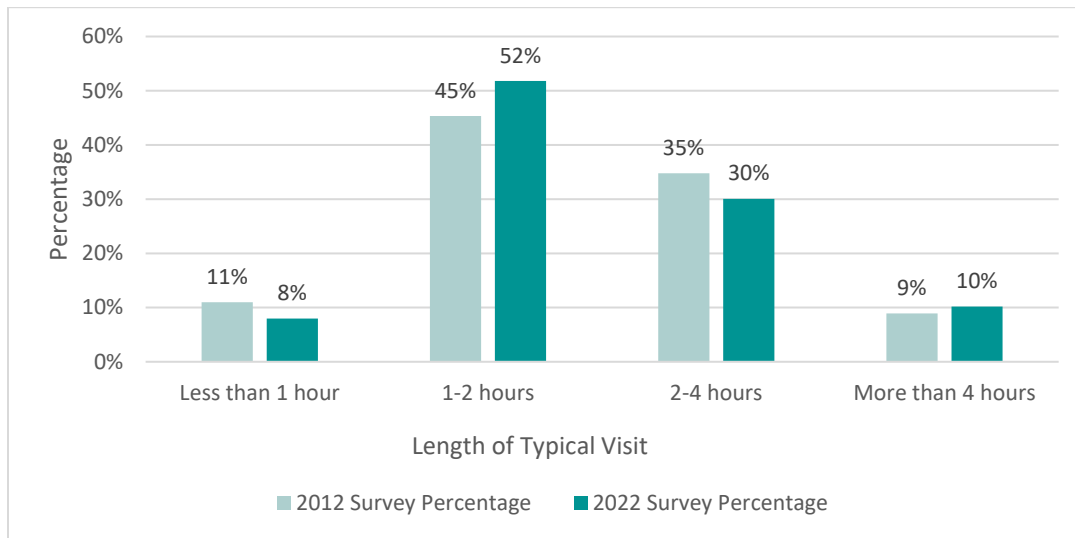


Table 7: Typical Length of Visit Comparison Between 2022 In-person survey and 2012 Survey

How long do you typically visit Mt. Tam at one time?	Percentage		Total Responses	
	2012	2022	2012	2022
Less than 1 hour	11%	8%	138	75
1-2 hours	45%	52%	570	488
2-4 hours	35%	30%	437	283
More than 4 hours	9%	10%	112	96
<b>Total</b>	<b>100%</b>	<b>100%</b>	<b>1257</b>	<b>942</b>

### How do you typically arrive at the district?

The percentage of respondents who reported walking and biking as their typical way of arriving at the watershed is the same across both 2012 and 2022 in-person surveys. 4% of 2022 respondents reported e-biking as their typical mode. E-biking was not an option in the 2012 survey question. Percentage of respondents who drive-alone and carpool decreased by 2% and 5% from 2012 to 2022. Public transit also remained minimal across both surveys.

Figure 6: Comparison of Typical Visitor Arrival Between 2022 in-person survey and 2012 Survey

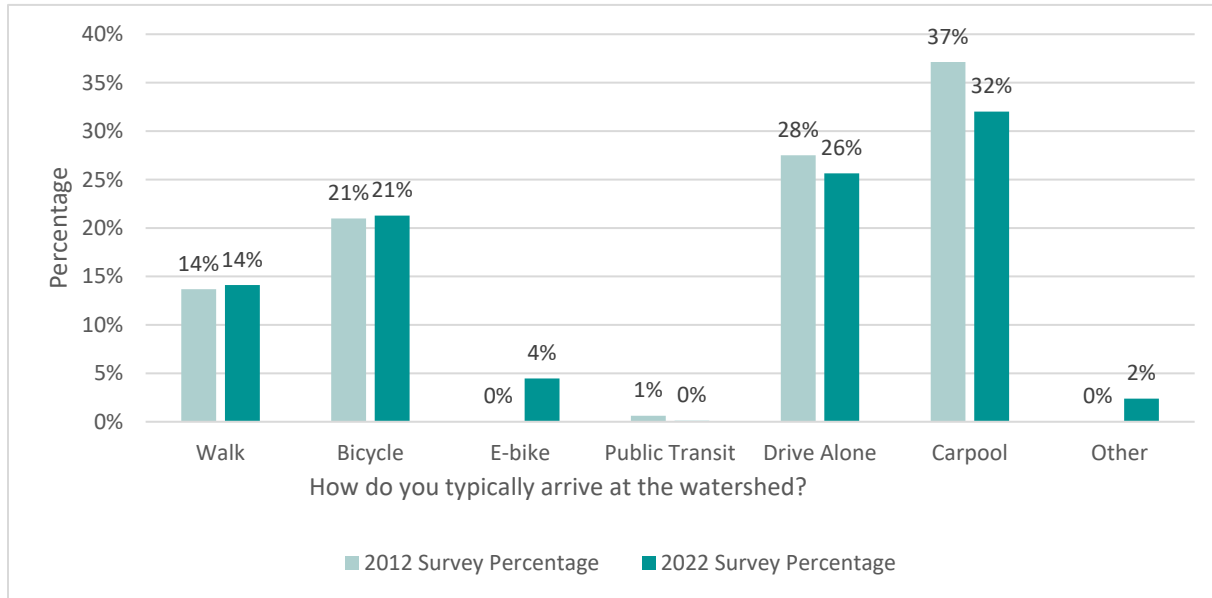


Table 8: Comparison of Typical Visitor Arrival Between 2022 in-person survey and 2012 Survey

How do you typically arrive at the District?	Percentage		Total Responses	
	2012	2022	2012	2022
Walk	14%	14%	176	142
Bicycle	21%	21%	270	214
E-bike	0%	4%	0	45
Public Transit	1%	1%	8	1
Drive Alone	28%	26%	354	258
Carpool	37%	32%	478	322
Other	0%	2%	1	24
<b>Total</b>	<b>100%</b>	<b>100%</b>	<b>1287</b>	<b>1006</b>

**What best describes your primary activities on Mt. Tam?**

Respondents in both 2012 (36%) and 2022 (41%) reported hiking as their most popular activity at the watershed. Biking remained similarly popular across both surveys (16%). E-biking was not an option in the 2012 survey, however, 3% of 2022 in-person survey respondents reported e-biking as their primary activity. The percentage of respondents who reported “Enjoying Nature” as their primary activity declined from 22% in 2012 to 11% in 2022.

Figure 7: Comparison of Primary Visitor Activities Between 2012 Survey and 2022 in-person survey

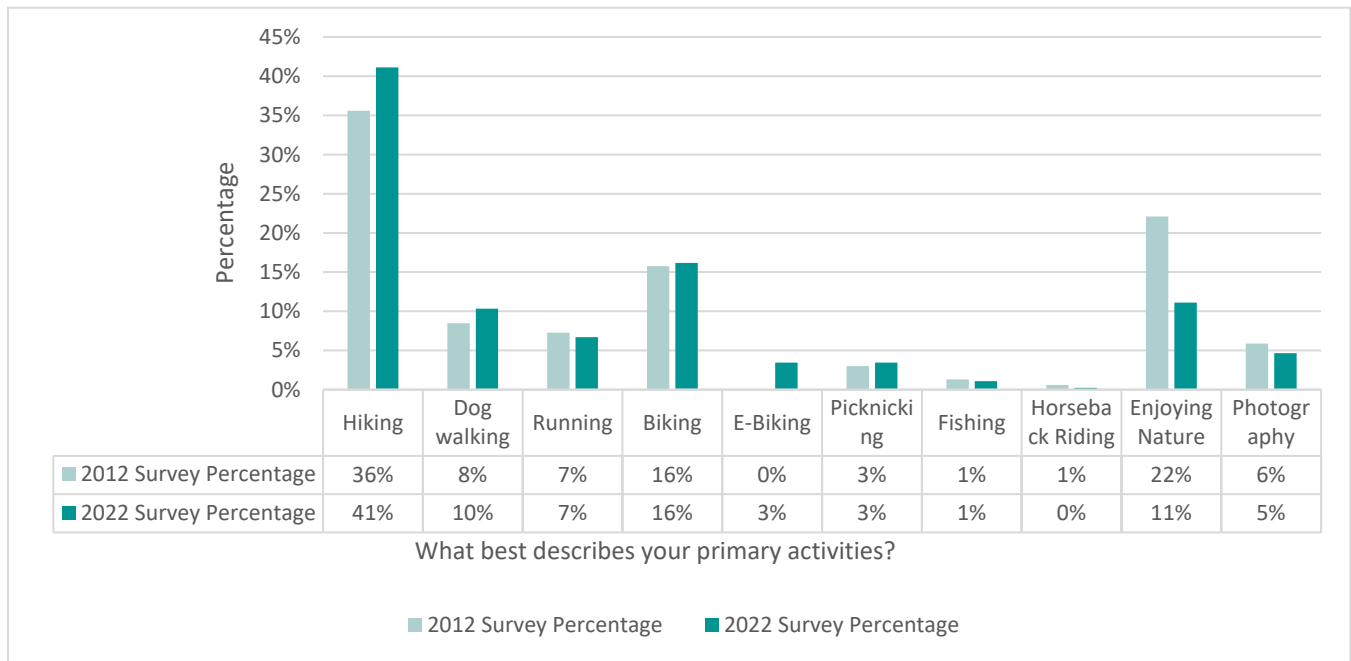


Table 9: Comparison of Primary Visitor Activities Between 2012 Survey and 2022 in-person survey

What best describes your primary activity of your trip?	Percentage		Total Responses	
	2012	2022	2012	2022
Hiking	36%	41%	768	725
Dog walking	8%	10%	183	182
Running	7%	7%	157	118
Biking	16%	16%	340	285
E-Biking	0%	3%	NA	61
Picnicking	3%	3%	65	61
Fishing	1%	1%	28	19
Horseback Riding	1%	0%	13	4
Enjoying Nature	22%	11%	477	196
Photography	6%	5%	127	82
Other	0%	2%	NA	30
<b>Total</b>	<b>100%</b>	<b>100%</b>	<b>2158</b>	<b>1763</b>



**In general, do you feel safe visiting Mt. Tam?**

The percentage of survey respondents who reported feeling a sense of safety when visiting Mt. Tam increased from 59% in 2012 to 91% in 2022. It’s important to note that in both 2012 and 2022, the percentage of respondents indicating they did not feel safe on the watershed was 1%.

Figure 8: Visitor Sense of Safety Comparison between 2012 Survey and 2022 in-person survey

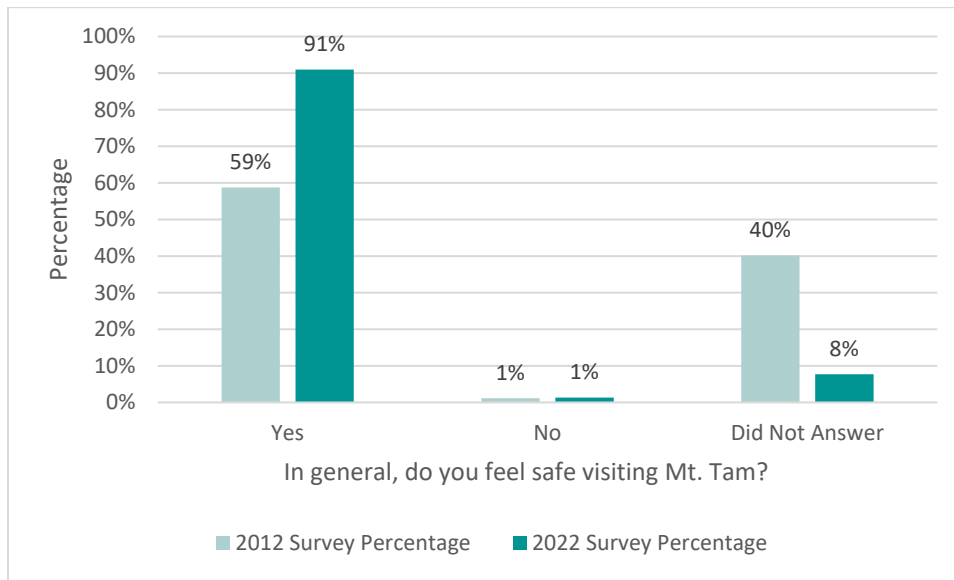


Table 10: Visitor Sense of Safety Comparison between 2012 Survey and 2022 in-person survey

In general, do you feel safe visiting Mt. Tam?	Percentage		Total Responses	
	2012	2022	2012	2022
Yes	59%	91%	768	967
No	1%	1%	15	14
Did Not Answer	40%	8%	525	82
<b>Total</b>	<b>100%</b>	<b>100%</b>	<b>1308</b>	<b>1063</b>

### Visitor Trail Experiences

Trail visitor experiences appear to have improved between 2012 and 2022. Survey respondents reported a higher proportion of “Great” experiences in all categories in the 2022 in-person survey compared to the 2012 survey. Trail conditions, usability of maps, interactions with other visitors, interactions with watershed staff, picnic areas, parking, and restroom experiences all appear to have improved. The usability of maps and signs, interactions with other visitors, picnic areas, parking, and restroom experiences were identified as “Good” by the largest number of respondents. Trail conditions and interactions with Mt. Tam Watershed staff were both rated well with 44% and 56% of respondents ranking these as “Great”. In 2012, the experience with the highest portion of “Poor” votes (8%) was restrooms, which improved to 5% in 2022. In 2022, the experience with the highest portion of “Poor” votes (6%) was parking, which decreased from 7% in 2012.

Table 11: Visitor Trail Experiences Comparison between 2012 Survey and 2022 in-person survey.

Trail Conditions	2022 in-person survey		2012 Survey	
	Count	Percentage	Total	Percentage
Great	472	44%	531	43%
Good	452	43%	583	47%
Fair	36	3%	55	4%
Poor	12	1%	9	1%
Didn't Answer	91	9%	59	5%
<b>Total</b>	<b>1063</b>	<b>100%</b>	<b>1237</b>	<b>100%</b>

Usability of maps and signs	2022 in-person survey		2012 Survey	
	Count	Percentage	Total	Percentage
Great	341	32%	245	20%
Good	436	41%	536	44%
Fair	141	13%	186	15%
Poor	17	2%	55	4%
Didn't Answer	128	12%	206	17%
<b>Total</b>	<b>1063</b>	<b>100%</b>	<b>1228</b>	<b>100%</b>

Interactions with other visitors	2022 Survey		2012 Survey	
	Count	Percentage	Total	Percentage
Great	403	38%	389	32%
Good	487	46%	635	52%
Fair	68	6%	57	5%
Poor	12	1%	18	1%
Didn't Answer	93	9%	<b>128</b>	10%
<b>Total</b>	<b>1063</b>	<b>100%</b>	<b>1227</b>	<b>100%</b>



Interactions with Mt. Tam Watershed staff	2022 in-person survey		2012 Survey	
	Count	Percentage	Total	Percentage
Great	601	57%	461	38%
Good	298	28%	352	29%
Fair	34	3%	22	2%
Poor	7	1%	6	0%
Didn't Answer	123	12%	376	31%
<b>Total</b>	<b>1063</b>	<b>100%</b>	<b>1217</b>	<b>100%</b>

Picnic areas	2022 Survey		2012 Survey	
	Count	Percentage	Total	Percentage
Great	384	36%	213	18%
Good	432	41%	339	28%
Fair	47	4%	51	4%
Poor	5	0%	8	1%
Didn't Answer	195	18%	598	49%
<b>Total</b>	<b>1063</b>	<b>100%</b>	<b>1209</b>	<b>100%</b>

Parking	2022 in-person survey		2012 Survey	
	Count	Percentage	Total	Percentage
Great	305	29%	239	20%
Good	370	35%	429	35%
Fair	179	17%	154	13%
Poor	68	6%	90	7%
Didn't Answer	141	13%	298	25%
<b>Total</b>	<b>1063</b>	<b>100%</b>	<b>1210</b>	<b>100%</b>

Restrooms	2022 in-person survey		2012 Survey	
	Count	Percentage	Total	Percentage
Great	237	22%	174	14%
Good	378	36%	358	30%
Fair	234	22%	169	14%
Poor	56	5%	94	8%
Didn't Answer	158	15%	408	34%
<b>Total</b>	<b>1063</b>	<b>100%</b>	<b>1203</b>	<b>100%</b>

Table 12: Visitor Trail Experiences from 2022 in-person survey that Were Not Included in the 2012 Survey

Fire Road Conditions	2022 in-person survey	
	Count	Percentage
Great	468	44%
Good	424	40%
Fair	48	5%
Poor	14	1%
Didn't Answer	109	10%
<b>Total</b>	<b>1063</b>	<b>100%</b>

Interaction with other visitor's dogs	2022 in-person survey	
	Count	Percentage
Great	346	33%
Good	427	40%
Fair	132	12%
Poor	38	4%
Didn't Answer	120	11%
<b>Total</b>	<b>1063</b>	<b>100%</b>

### Analysis of Additional 2022 in-person survey Questions

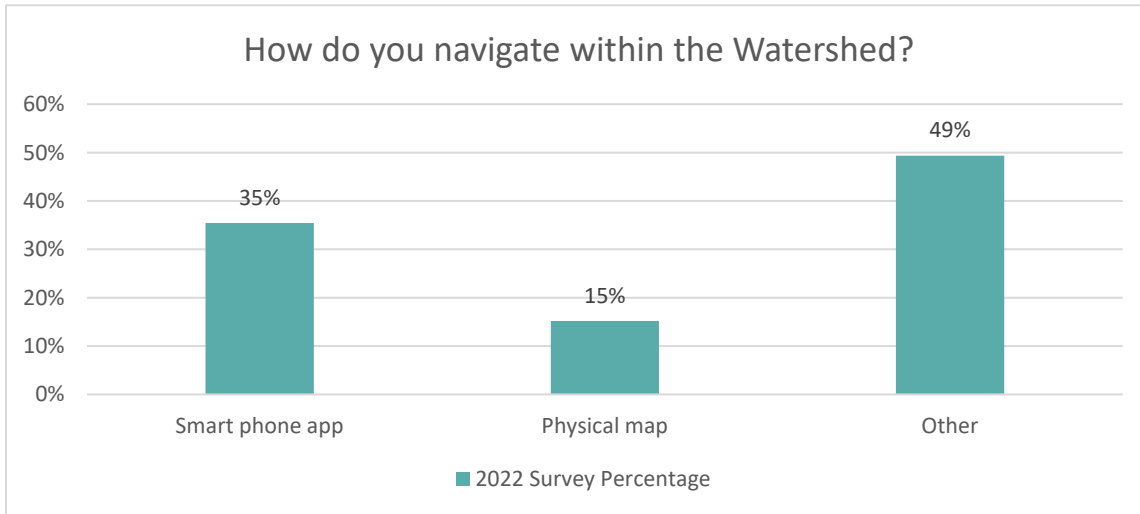
Beyond the nine questions which allowed for a historical comparison, the 2022 in-person survey included ten additional questions which are intended to help inform the Recreational Management Plan effort. These questions are summarized below with the raw survey results included in **Appendix A**.

#### How do you navigate within the watershed?

49% of 2022 in-person survey respondents reported using a navigation method other than a smart phone app or a physical map when navigating the watershed. Top answers to the "Other" category include "memory," "local knowledge," and "experience." A higher proportion of respondents reported using a smart phone (35%) than those who reported using a physical map (15%).



Figure 9: Visitor Navigation Within the Watershed



**Which phone app do you use?**

The three most used apps were Google Maps (29%), All Trails (24%), and Apple Maps (21%) according to 2022 in-person survey respondents who use a smart phone app to navigate the watershed.

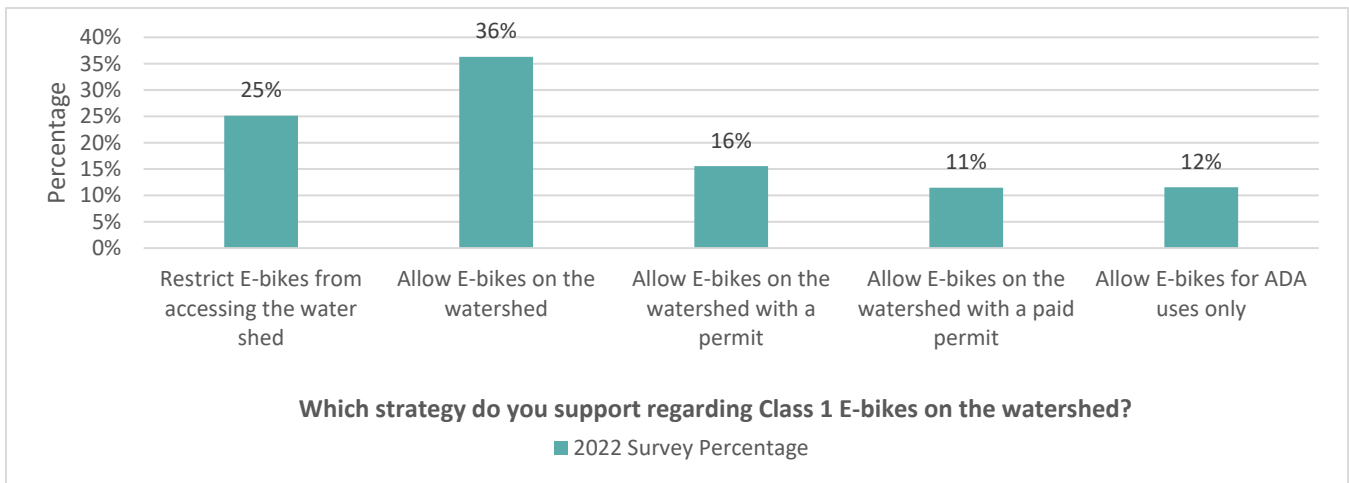
Table 13: Visitor Smart Phone App Navigation

Q10: Which smart phone app do you use?	2022 in-person survey	
	Count	Percentage
Strava	46	16%
Google Maps	85	29%
Trailforks	11	4%
All Trails	69	24%
Gaia	7	2%
MTB Project	1	0%
Apple Maps	60	21%
CalTopo	0	0%
Garmin	9	3%
Wahoo	1	0%
RidewithGPS	0	0%
Avenza Maps	1	0%

### Class 1 E-bikes Strategies

Survey respondents had various thoughts on how to address Class 1 e-bikes with 36% of survey respondents voting for “Allowing E-bikes on the watershed” as a potential strategy and 27% of survey respondents supporting E-bikes with some type of permit. Alternatively, 25% of survey respondents voted for “Restricting E-bikes from accessing the watershed.” Additionally, 12% of respondents supported E-bikes for ADA use only.

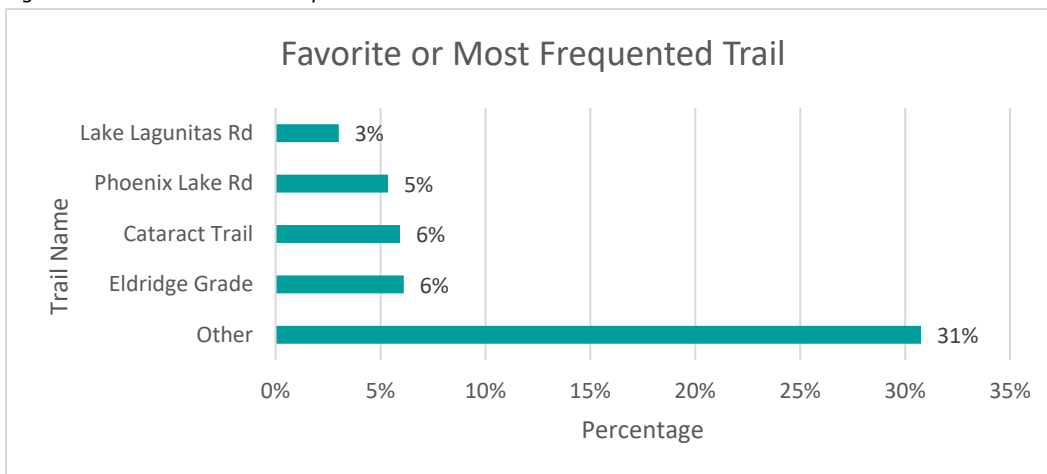
Figure 10: Visitor Support of E-Bike Strategies



### What is your favorite or most frequented trail route?

Survey respondents reported “Other,” Eldridge Grade, Cataract Trail, Phoenix Lake Road, and Lake Lagunitas Road at the top five favorite or most frequented trails routes. Answers to the write-in “Other” category include Yolanda, Dipsea, and Bon Tempe Lake.

Figure 11: Favorite or Most Frequented Trail



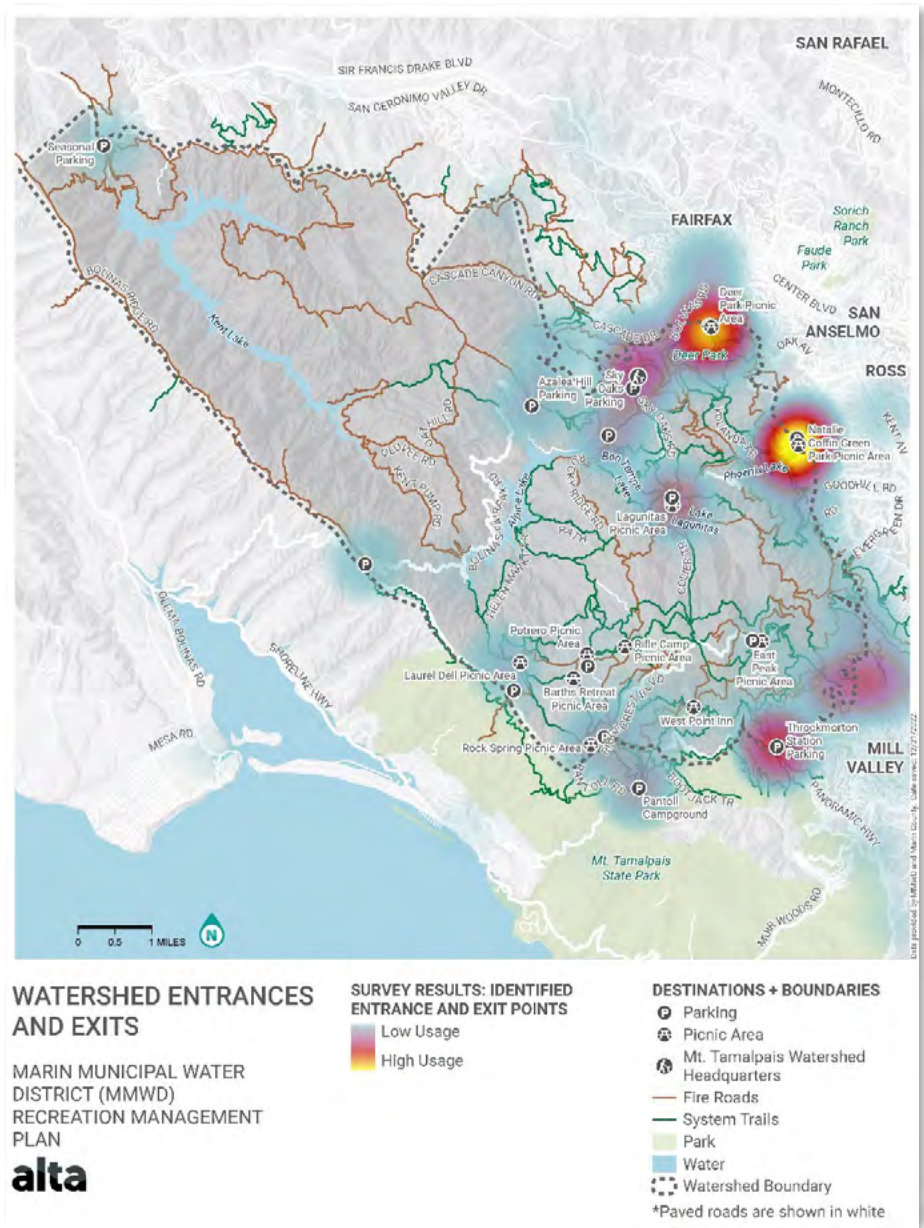
**Where do you typically enter & exit?**

In addition to answering standard survey questions, survey respondents also engaged in several mapping questions where they answered questions by selecting locations on a web map. Survey respondents identified Deer Park Picnic Area (17%) and Natalie Coffin Green Park Picnic Area (16%) as the two most common watershed entrance and exit points. Sky Oaks Parking Lot, Lagunitas Picnic Area, and Throckmorton Station also emerged as popular entrances and exits.

It is important to note that this data, while informative, is not wholly reflective of all visitors entrance and exit locations but provides a snapshot of frequently used locations. Typical destinations may change due to seasonal fluctuations. For instance, Cataract Trail experiences a significant peak in usage during the spring season but during fall, this location is less frequented and may be less likely to be identified as a destination. Because this survey was conducted during the fall 2022, this location and others may be less reflected as a destination than is typical during other periods of the year.

**Where are your typical destinations?**

Survey respondents identified a wide geographic range of destination points within the watershed. 16% of survey respondents identified Mt. Tam’s East Peak as their typical destination. Lagunitas Picnic Area was also identified as a popular destination with 14% of respondents identifying it as their typical destination.



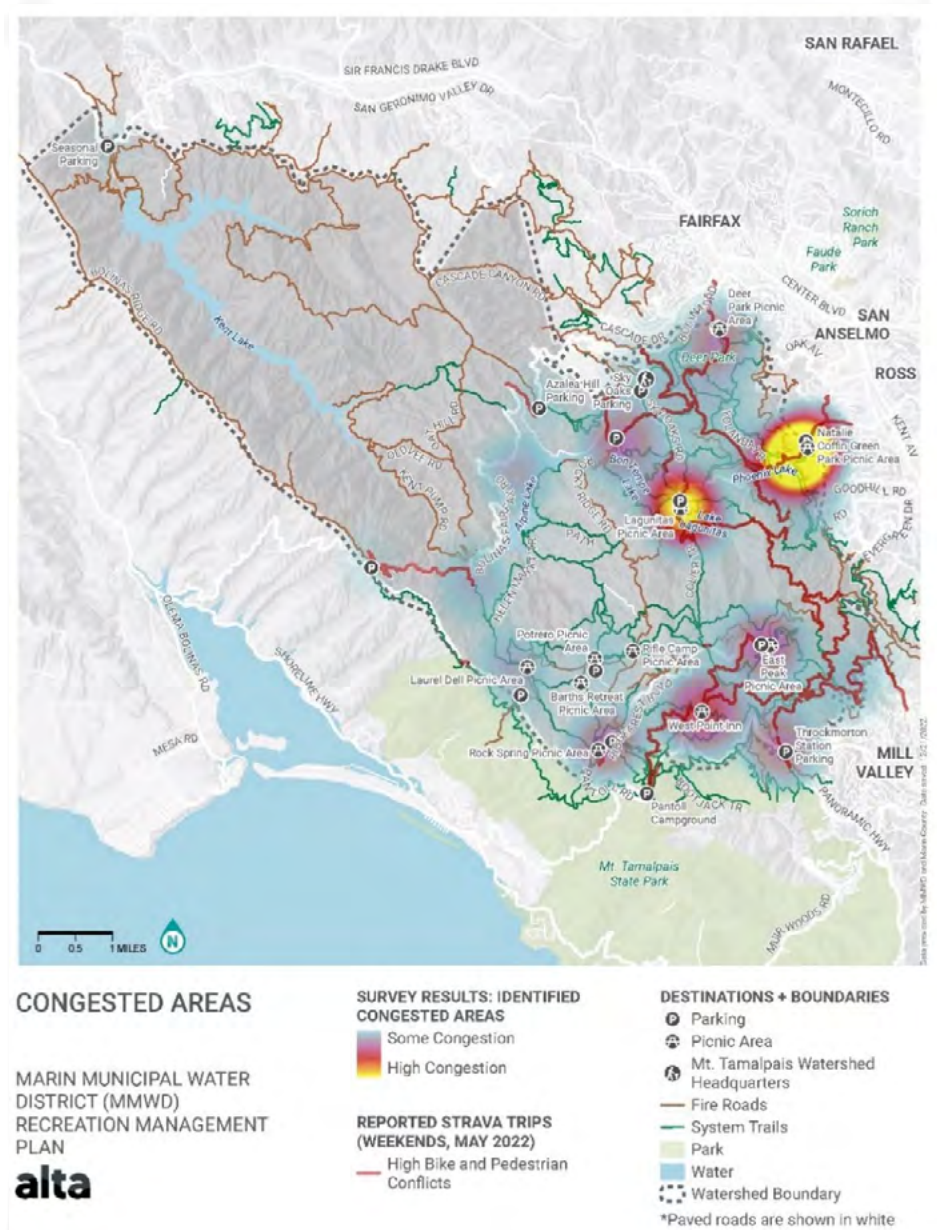
Map 1: Visitor Entrances and Exits





Where are the congested areas?

Survey respondents provide insights into the areas of the watershed with the greatest levels of congestion based on their experience. MMWD also utilized anonymized data from Strava which provides data on the level of usage on each trail reported by Strava app users. This data helps indicate the total level of visitation along fire roads and trails and identifies the areas with the greatest potential for congestion. Trails and fire roads with a highest-level visitation or use shown in red on the map below along with the survey identified congested areas. Survey respondents identified Natalie Coffin Green Park (31%), Lagunitas Picnic Area (15%), and West Point Inn (7%) as the three most congested locations which aligns with Strava data as shown in Map 3.



Map 3: Congested Areas in the Watershed based on in-person survey responses

**What trail management strategies do you support?**

Respondents identified “Prioritize social trail closures and restoration activities to reduce the impacts of watershed visitors” and “Create multi-use trail connections to separate visitors in high use areas” as trail management strategies they were most in support of; with 63% of respondents identifying “Create multi-use trail connections to separate visitors in high use areas” as their first or second choice. Conversely, respondents identified “Establish a reservation parking system for high use trailheads to reduce visitor impacts” as the trail management strategy they were least likely to support.

Table 14: Visitor Ranking of Trail Management Strategies in In-person survey

Compiled Rank	Answers	Percentage of Respondent’s Ranking			
		1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>
1	Create multi-use trail connections to separate visitors in high use areas.	31%	32%	25%	12%
2	Establish directional trails in high use areas to reduce congestion.	26%	32%	27%	15%
3	Prioritize social trail closures and restoration activities to reduce the impacts of watershed visitors.	32%	20%	25%	23%
4	Establish a reservation parking system for high use trail heads to reduce visitor impacts.	11%	16%	23%	50%

**Overarching Themes from Open Ended Questions:**

Survey respondents answered two open-ended questions at the end of the survey regarding improvements they would like to see made to the watershed, and any additional thoughts they had that were not covered in the previous survey questions. The following themes listed below emerged as popular responses throughout both web and in-person surveys.

1. What improvements would you like to see?

- People who bike want more trails (particularly single track) and safer biking access when using roadways to get to and around the watershed.
- Desire for the enforcement of bike speeds, limiting e-bikes, and doggie bag cleanup
- People hiking are frustrated with bicycle conflict on trails (particularly single track) and concerned about overuse and erosion
- More amenities such as more parking spaces, permanent bathrooms, better trail maps and signage, and water fountains are desired
- Some parking reform is desired to ease congestion

2. Do you have any other thoughts?

- Hikers often experience conflict with people bicycling too fast
- Environmental concerns around fire risk, invasive species, erosion (particularly from overuse/social trails), and natural water sources are prominent
- Interest in allowing kayaks as users

## Strava Metro

StravaMetro is a data resource that is available free of charge to public agencies interested in improving walking and bicycling conditions within their jurisdictions or areas of influence. The aggregated data provided through StravaMetro is generated by users of the Strava app on their smartphone to capture and record activities including hiking and biking; personal identifiers are removed from the data so all trips are represented as anonymous users. This data source typically represents recreational trips which is closely aligned with this project’s areas of interest. StravaMetro data helped identify the proportional levels of usage on each trail and fire road throughout the District and provided strong insights into the total visitation levels when compared with Eco-Counter data as discussed in the ‘Usage Estimates’ section of this memo.

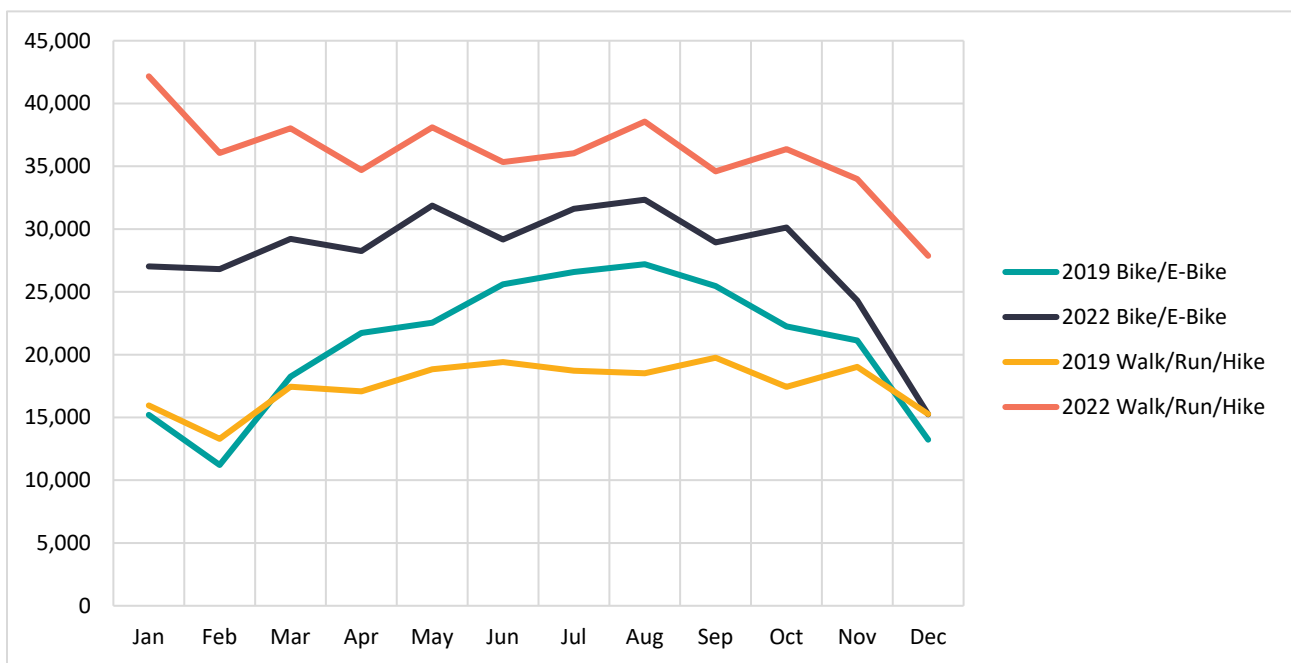
### Data

The dataset supporting this analysis from Strava Metro. This data is trail usage data that reports bicycle and pedestrian trips recorded by Strava users during May 2022 within Marin County. This data is joined with road and trail data provided by the Watershed District to investigate trail usage by mode at different times of the day on both weekend and weekdays.

### Pre & Post-COVID Usage

Based on usage data reported by Strava, visitation to the District has increased significantly between 2019 and 2022. This increase in reported Strava trips may not correspond with a directly proportional increase in total trips on the District but it is indicative of increasing visitation to the District since the COVID pandemic as identified through public comments and MMWD staff reporting.

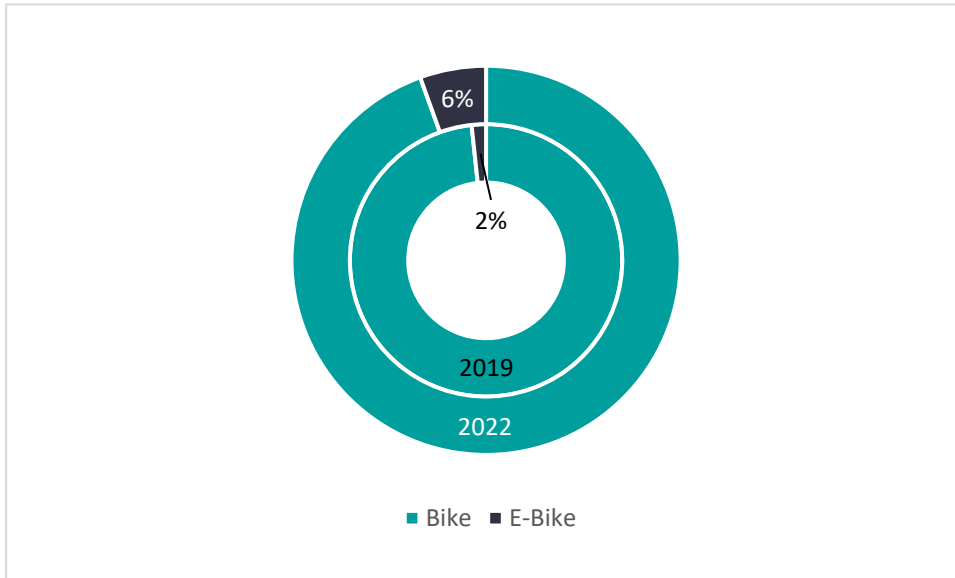
Figure 12. Strava reported trips in Marin County 2019 vs 2022



### E-Bike Usage on the District

Based on the in-person and online survey, usage of E-Bikes has increased to roughly 4% of visitors from 2012 to 2022. Based on StravaMetro data, the increase in E-Bike usage has been focused on the past few years with usage in the County increasing from 2% in 2019 to 6% of all StravaMetro trips in 2022.

Figure 13. Strava reported E-bike usage in Marin County 2019 vs 2022

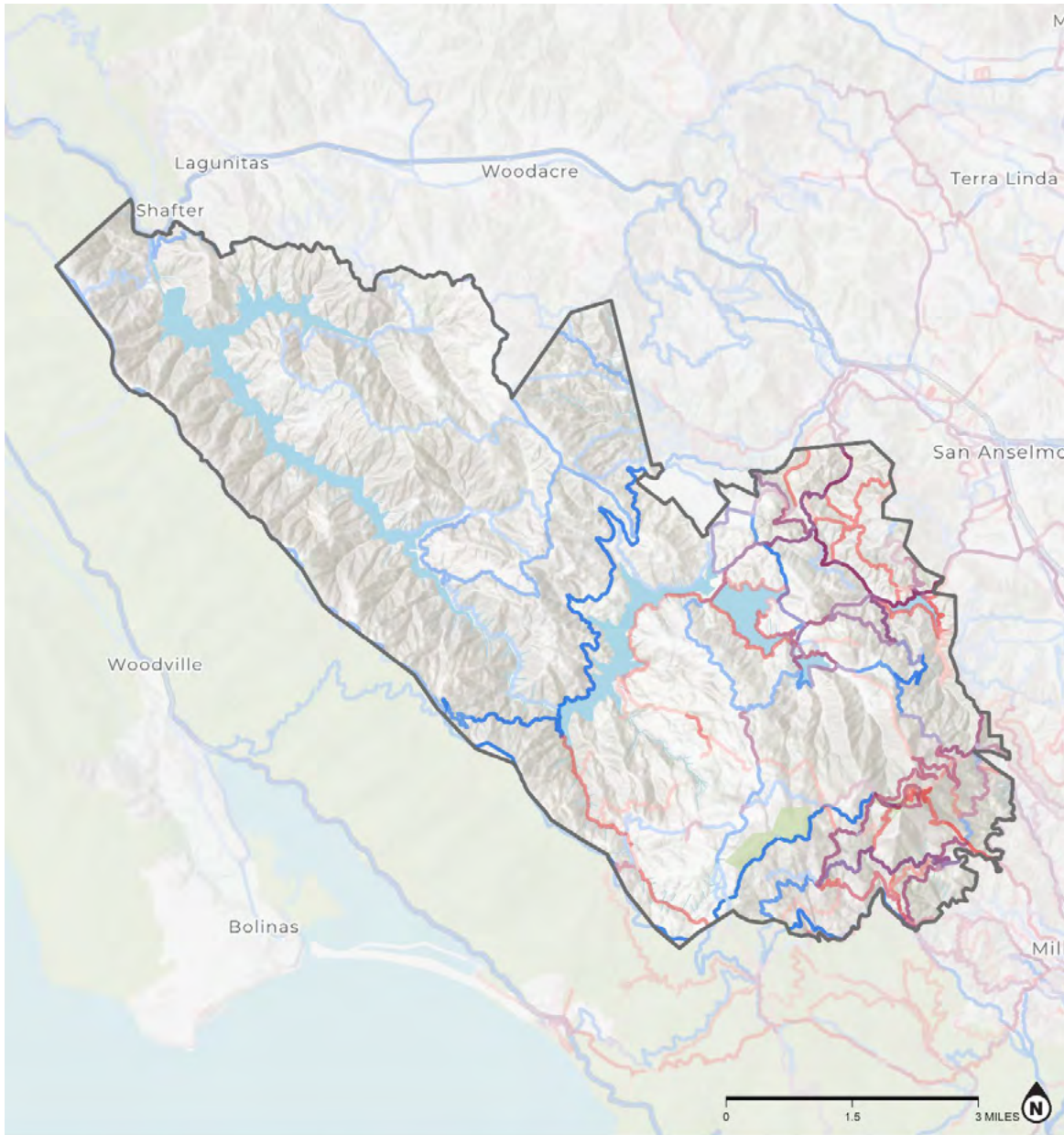


### Proportional Trail Usage By Mode

StravaMetro data provides insight into the proportional levels of trail usage by people biking and hiking. Due to the overall level of adoption and usage of the Strava App, the raw number of trips identified by Strava is not wholly representative of all trips. However, this data does highlight areas which typically receive higher proportions of usage by each mode and where there may be potential for increased congestion. Visitation patterns and overall levels of visitation fluctuate between weekdays and weekends with weekends seeing a much higher level of visitation and trips which are further into the District lands. Map 4 highlights the levels of pedestrian and bicyclist trips and their overlap during a typical weekday in May 2022; Map 5 represents the same data for weekend days in May 2022. In both maps, pedestrians are shown in red and bicyclists are shown in blue; trails and fire roads which have both pedestrians and bicyclists are shown in purple.



Map 4. Weekday Strava Trail and Fire Road Visitation by Mode (May 2022)



**REPORTED STRAVA TRIPS  
WEEKDAYS, MAY 2022**

MT. TAMALPAIS WATERSHED  
MANAGEMENT PLAN

**PEDESTRIAN TRIPS**

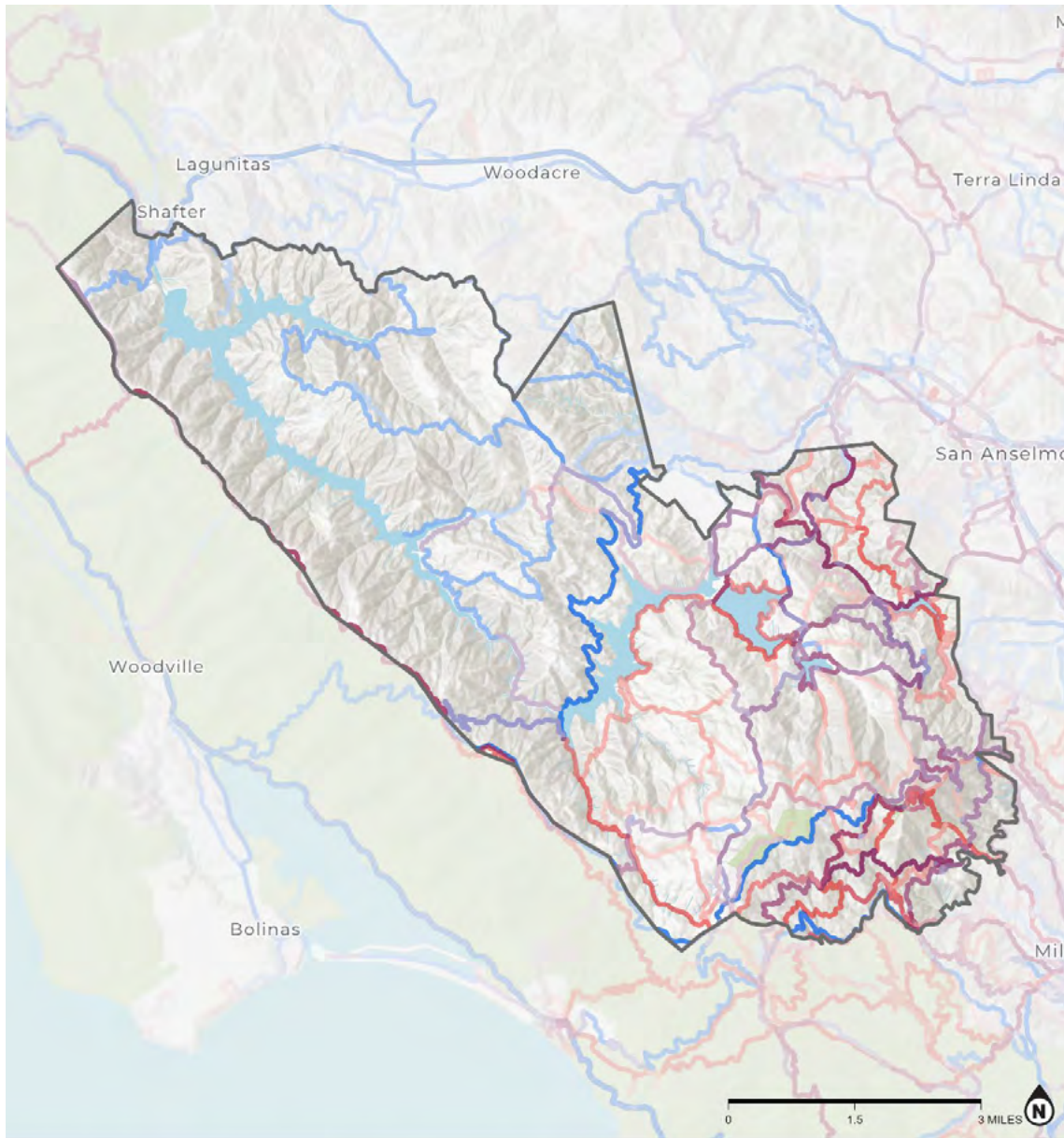
- Greater than 100 trips
- 10 - 100 trips
- 5 - 10 trips
- Fewer than 5 trips

**BICYCLE TRIPS**

- Greater than 500 trips
- 100 - 500 trips
- 10 - 100 trips
- Fewer than 10 trips

□ Mt. Tam Watershed District

Map 5. Weekend Strava Trail and Fire Road Visitation by Mode (May 2022)



**REPORTED STRAVA TRIPS  
ALL DAYS, MAY 2022**

MT. TAMALPAIS WATERSHED  
MANAGEMENT PLAN

**PEDESTRIAN TRIPS**

- Greater than 100 trips
- 50 - 100 trips
- 10 - 50 trips
- Fewer than 10 trips

**BICYCLE TRIPS**

- Greater than 1,000 trips
- 100 - 1,000 trips
- 10 - 100 trips
- Fewer than 10 trips

□ Mt. Tam Watershed District

## Eco-Counter Data

MMWD collected trail count data along popular trails and fire roads between August and November 2022 by installing nine Eco-Counter trail counters; data was re-collected at the Cataract site from April through June of 2023 to account for the significant peak in spring-time traffic. The dates of specific collected data from individual counters vary due to variable installation dates and periods of continuous operation and function. Specific dates for analysis for each counter are identified below. Of these counters, six were multi-modal (distinguishing between bicyclists and hikers) while the other three were simple trail counters (no distinction between modes). These counters were located along the following trails and fire roads:

### Multi-Modal Counters

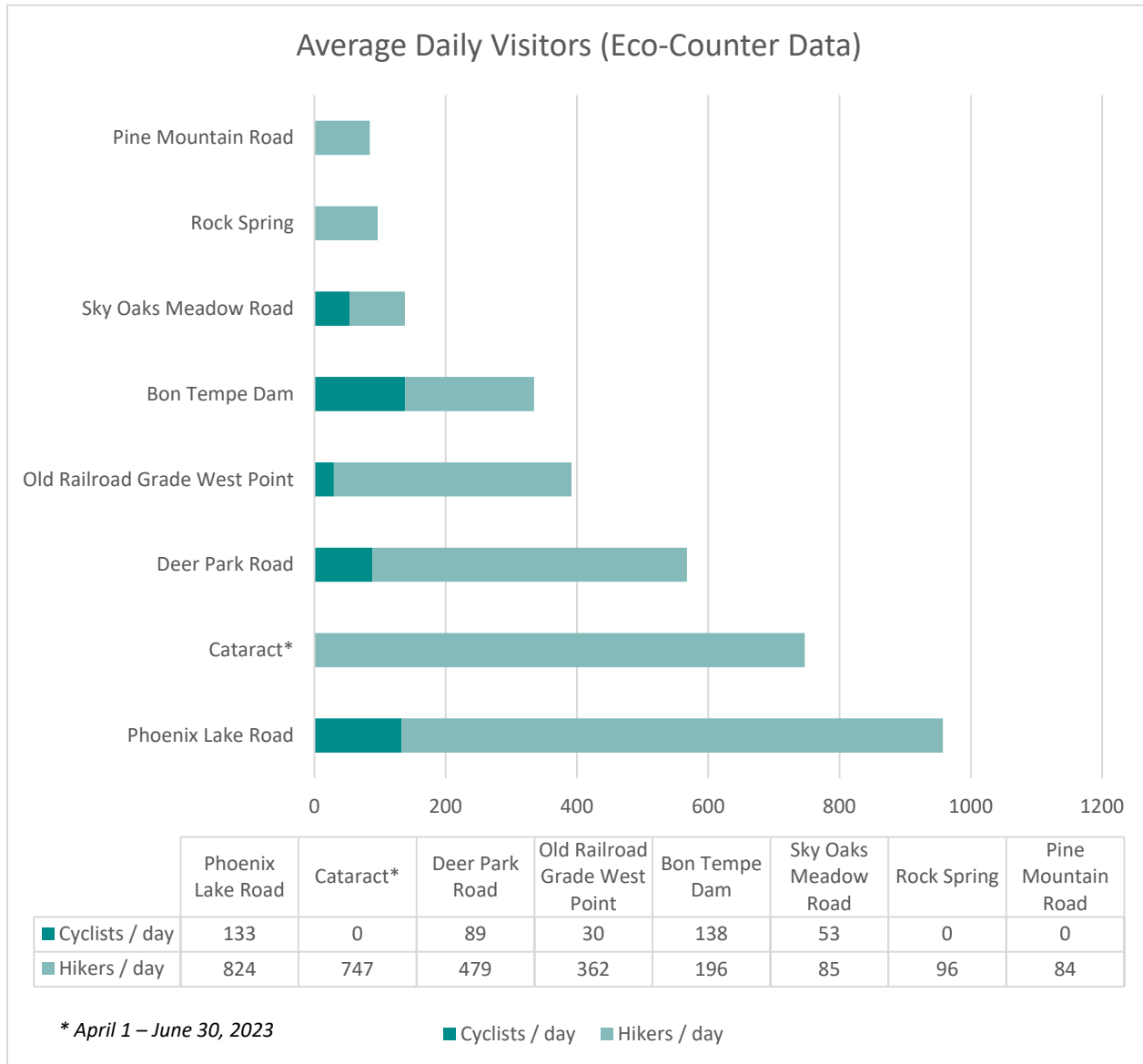
- Bon Tempe Dam – August 10 – September 30, 2022
- Deer Park Road – August 4 – September 26, 2022
- Old Railroad Grade West Point – August 9 – September 30, 2022
- Phoenix Lake Road – August 5 – September 30, 2022
- Sky Oaks Meadow Road – May 13 – July 13, 2021
- Pine Mountain Road – *Equipment malfunctions corrupted data*

### Trail Counters

- Rock Spring – August 6 – September 30, 2022
- Cataract – April 1 – June 30, 2023
- Leo Cronin Fish Viewing – *No data collected due to equipment malfunction*

The average daily visitors who passed by each trail counter is highlighted below in Figure 14 with Multi-Modal counters distinguishing between modes. This highlights the difference in average daily visitation along each studied trail and the difference in visitation by hikers and cyclists: hikers outnumbered cyclists by more than 6 to 1 across all study locations.

Figure 14. Average Daily Visitor Volumes (Eco-Counter Data)





## Usage Estimates

### Annual Usage Estimate

The combination of the trail count data provided by Eco-Counter at select locations and the StravaMetro data which provides proportional usage on all trails in the District assisted in the development of an annual usage estimate as well as estimate of usage by mode on each trail. The data obtained from the Eco-Counter sensors was compared with the total number of Strava reported trips in the corresponding date range for the respective modes. From this, a unique inflation factor was developed for StravaMetro data for each mode at each count location. The average and median of the unique inflation factors across each mode was identified. The total annual number of Strava bicycle trips within the District was estimated by:

1. Gathering the total number of bike trips recorded within the District on each trail/roadway segment,
2. Multiplying the total trips by the segment lengths, and
3. Dividing the product by 8.5 miles (a median exercise bicycle trip)<sup>1</sup>
4. Applying the average and median inflation factors to generate high and low estimate ranges.

The total number of pedestrian trips within the District was estimated using a similar methodology:

1. Gathering the total number of walking trips recorded within the District on each trail/roadway segment,
2. Multiplying the total trips by the segment lengths, and
3. Dividing the product by 3.94 miles (average hiking trip distance based on time reported for staying in the District, assuming hiking speed of 2 mph, and that 75% of time in the District is spent hiking)
4. Applying the average and median inflation factors to generate high and low estimate ranges.

Using these methodologies, the project team developed the following annual visitation estimate for bicyclists and hikers as shown below (mid-range values represent average of Low and High ranges):

Table 15. Annual Visitation Estimate Range (2022)

Mode	2022		
	Low Range	Mid-Range	High Range
Pedestrians	1,728,055	1,904,884	2,081,714
Bicyclists	256,141	410,187	564,233
Total	1,984,196	2,315,071	2,645,947
Total percent increase from 2012 Estimate	9%	27.5%	46%

<sup>1</sup> <https://nacto.org/wp-content/uploads/2012/02/Dill-and-Gliebe-2008.pdf>

### Trail and Fire Road Usage Estimates (May 2022)

Using the data from StravaMetro and applying the average of identified inflation factors, the project team developed monthly estimates of total visitation by bicyclists and hikers on the top 20 busiest facilities (trails and fire roads) for each mode. A more detailed breakdown of the total estimated hourly trips per road and trail is included in **Appendix C**.

As shown in **Table 16** and **17**, there is a significant level of overlap between the busiest routes for bikers and the busiest routes for hikers. Facilities which are in the top 20 busiest for both bicyclists and hikers are highlighted with an asterisk.. Dibblee Road and Phoenix Lake Road are highest usage routes for bicyclists and hikers.

Table 16. Top 20 Bike Facilities by Total Trips

Name	Total Trips (May 2022)	
Dibblee Rd	16,625	*
Phoenix Lake Rd	15,948	*
Bolinas-Fairfax Rd	15,899	
Concrete Pipe Rd	15,198	
Lagunitas - Rock Spring Rd	11,229	
Old Railroad Grade	9,583	*
Shaver Grade	8,736	*
Deer Park Rd	7,502	*
Sky Oaks Rd	7,405	
Eldridge Grade	7,333	
Lakeview Rd	4,792	
Lagunitas Dam Rd	4,114	
Lake Lagunitas Rd	4,017	
Old Stage Rd	3,993	*
Bon Tempe Rd	3,703	
Lagunitas Picnic Area	3,678	
Bull Frog Rd	3,315	
Sky Oaks Meadow Rd	3,025	
Gravity Car Rd	2,517	*
Indian Rd	2,517	

Table 17. Top 20 Pedestrian Facilities by Total Trips

Name	Total Trips (May 2022)	
Phoenix Lake Rd	54,214	*
Dibblee Rd	48,881	*
Hog Back Rd	24,352	
Gravity Car Rd	18,131	*
Bolinas Ridge Rd	16,353	
Throckmorton Station	16,175	
CA Coastal Tr	15,820	
Shaver Grade	14,220	*
Plank Walk Tr	13,509	
Old Railroad Grade	12,798	*
Matt Davis Tr	11,376	
Old Stage Rd	10,487	*
Bill Williams Rd	10,132	
Temelpa Tr	9,954	
Cataract Trail^	8,910	
Bon Tempe Dam Rd	8,888	
Deer Park Rd	8,710	*
Verna Dunshee Tr	8,710	
Fern Creek Tr	7,821	
Nora Tr	6,577	

*^May 2023 Eco-Counter data reported*

There are a total of eight facilities which are among the top 20 busiest for both bikers and hikers. The busiest periods of the day, typically 9am – 12pm. In order to better understand the level of usage along these facilities during those peak periods, Table 18 highlights the maximum peak period volume for hikers and bikers during weekdays and weekends and the facility type.

Table 18. Weekend Peak Hour Trail Use of Top Bicycle-Pedestrian Congested Trails

Trail Name	Pedestrians		Bicyclists	
	Weekend Peak Period	Maximum Peak Period Volume	Weekend Peak Period	Maximum Peak Period Volume
Phoenix Lake Rd	9 AM – 12 PM	11,732	9 AM – 12 PM	2,686
Dibblee Rd	9 AM – 12 PM	11,198	9 AM – 12 PM	2,638
Old Railroad Grade	9 AM – 12 PM	4,622	9 AM – 12 PM	3,146
Shaver Grade	9 AM – 12 PM	4,977	9 AM – 12 PM	1,888
Old Stage Rd	9 AM – 12 PM	3,911	9 AM – 12 PM	1,404
Deer Park Rd	9 AM – 12 PM	2,666	9 AM – 12 PM	1,549
Gravity Car Rd	9 AM – 12 PM	6,399	9 AM – 12 PM	653
Mt Tam Estates Rd	9 AM – 12 PM	6,221	9 AM – 12 PM	653

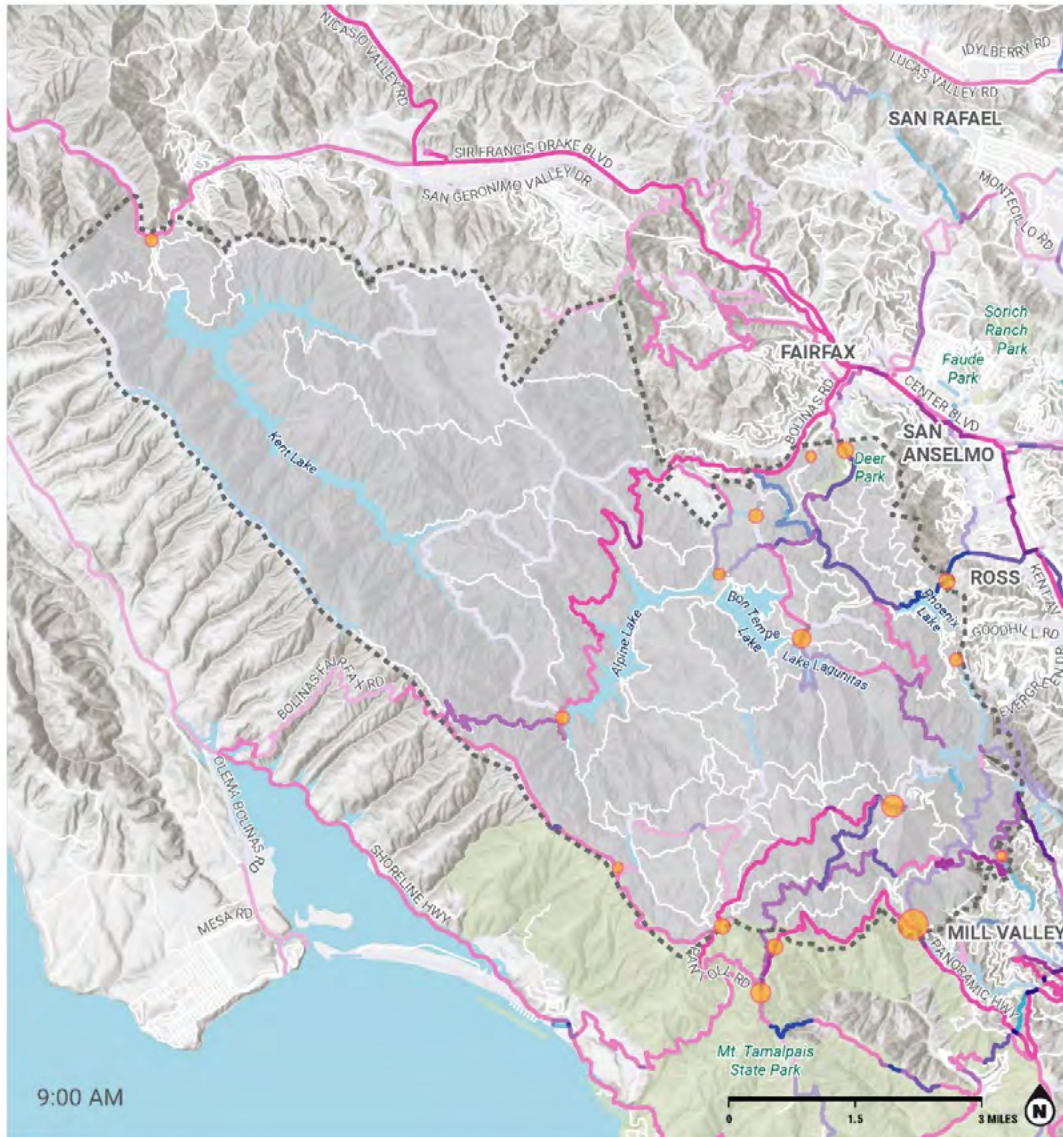




## Combined Analysis

The combination of all visitor usage data for this project creates a strong understanding of total level of visitors across the entire District regarding how they access the District and where the most frequented routes are. Figure 15 below shows data derived from StreetLight, StravaMetro, and Eco-Counter data gathered for this project and represents the typical hourly trail usage and hourly vehicle arrivals at key trailheads.

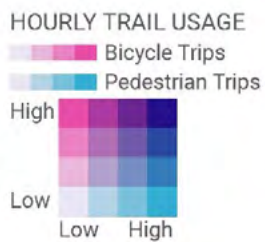
Figure 15. Hourly Trail and Road usage and Hourly Vehicle Arrivals (May 2022)



**REPORTED TRIPS WEEKENDS**

**MT. TAMALPAIS WATERSHED MANAGEMENT PLAN**

Trail usage data from Strava, May 2022. Vehicle arrival data provided by StreetLight Data from May 2021 - April 2022.





## Summary

While the typical activities and patterns of use have remained relatively the same over the past ten years, the total levels of visitation across Marin Municipal Water District have increased by approximately 27.5% to roughly 2.3 million visitors annually; total estimated range of usage is from 1,984,196 to 2,645,947.<sup>2</sup>

Despite this increase, visitors continue to rank their experience as 'good' or 'great' and 91% of respondents stated that they feel safe, 8% of respondents did not answer and 1% said they felt unsafe while on the watershed. In 2022, 84% of in person respondents stated that they had great or good interactions with other visitors and 1% stated they had a poor experience. In 2022, 87% of in person respondents stated that trail conditions are "Great" or "Good", which is down from 90% in 2012. In 2012, the experience with the highest portion of "Poor" votes (8%) was restrooms, which improved to 5% in 2022. In 2022, the experience with the highest portion of "Poor" votes (6%) was parking, which decreased from 7% in 2012. The data analysis highlights that visitation is highest on the weekends and is primarily focused in the southeastern portion for both bikers and hikers; this results in some potential for high levels of congestion in this area.

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<sup>2</sup> This estimate is based on data collected during the fall period which is outside of peak visitation periods for some trails such as Cataract. Data is currently being collected in order to account for these seasonal fluctuations.





94904	61
94941	42
94957	41
94939	28
94925	25
94920	22
94903	16
94118	16
94109	15
94965	13
94123	12
94114	10
94945	9
94110	8
94947	7
94121	7
94949	6
94530	6
95476	5
94973	5
94952	5
94611	5
94131	5
94122	5
94954	4
94610	4
94403	4
94133	4
94117	4
94115	4
94107	4
95448	3
95409	3
94928	3
94702	3

94608	3
94590	3
94158	3
94116	3
94112	3
94105	3
94103	3
94025	3
95691	2
95632	2
95472	2
95401	2
95391	2
95377	2
95126	2
95076	2
95008	2
94946	2
94938	2
94804	2
94708	2
94704	2
94565	2
94538	2
94506	2
94501	2
94086	2
94041	2
94040	2
94010	2
92270	2
89519	2
78209	2
30305	2
san diego	1

New Zealand	1
98456	1
9834	1
96753	1
96145	1
96067	1
95988	1
95976	1
95957	1
95833	1
95765	1
95687	1
95670	1
95628	1
95620	1
95610	1
95492	1
95478	1
95430	1
95403	1
95355	1
95348	1
95222	1
95212	1
95134	1
95131	1
95129	1
95121	1
95112	1
95073	1
95051	1
95050	1
95032	1
94978	1
94970	1

94966	1
949577	1
94944	1
94933	1
94931	1
94924	1
94915	1
94911	1
94907	1
94902	1
94858	1
94806	1
94801	1
94730	1
94709	1
94706	1
94703	1
94619	1
94618	1
94612	1
94609	1
94606	1
94602	1
94601	1
94599	1
94598	1
94591	1
94588	1
94583	1
94566	1
94563	1
94559	1
94553	1
94551	1
94549	1

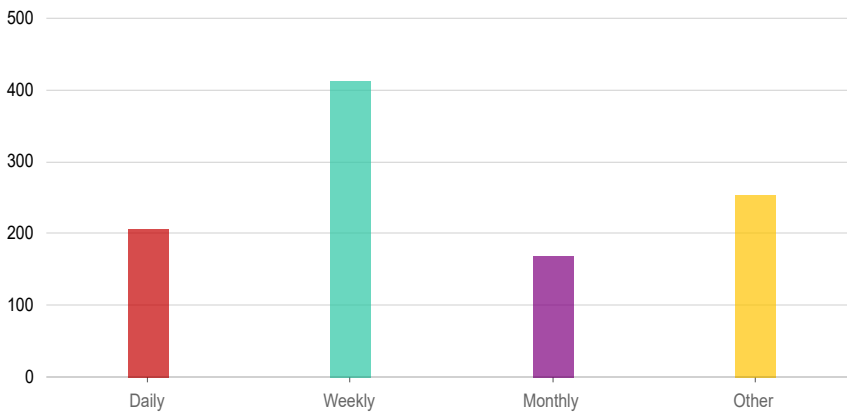


94547	1
94545	1
94535	1
94510	1
94402	1
9426	1
94206	1
94155	1
94141	1
94137	1
94132	1
94129	1
94125	1
94085	1
94044	1
94043	1
94030	1
94002	1
93940	1
93440	1
93313	1
92683	1
92617	1
92361	1
92024	1
91020	1
90210	1
90062	1
90056	1
90042	1
90027	1
89701	1
89449	1
87122	1
84115	1

84010	1
8164	1
80640	1
80304	1
60201	1
59403	1
55416	1
36695	1
30327	1
30092	1
2882 Germany	1
23157	1
20037	1
20009	1
14607	1
14266	1
12401	1
11201	1
10025	1
10009	1
04107	1
03053	1

Answered: 966 Skipped: 97

**How frequently do you visit Mt. Tam?**



**Answers**

**Count**

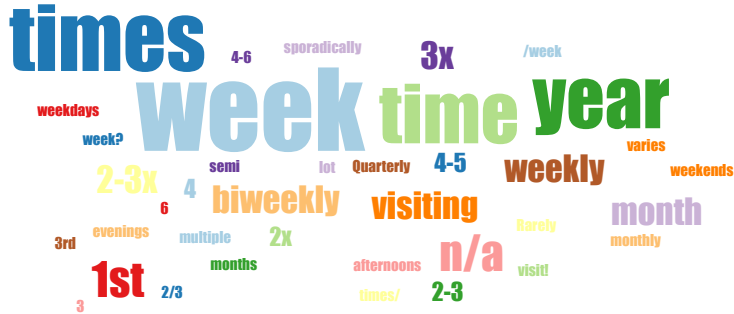
**Percentage**

Daily	207	19.47%
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Weekly	414	38.95%
Monthly	169	15.9%
Other	255	23.99%

Answered: 1,045 Skipped: 18

Other



Response

Count

n/a	4
1st time	4
biweekly	3
visiting	2
twice a month	2
first time	2
3x a week	2
2-3x per week	2
Weekly to monthly, it varies	1
Twice a year	1
sporadically	1
semi year	1
Rarely	1
Quarterly	1
multiple times weekly	1
maybe every other week?	1
just visiting	1
first visit!	1
Every other month	1
every 3 months	1









Instinct	4
exp	4
brain	4
Trail markers	3
prior knowledge	3
local knowledge	3
garmin	3
friend	3
AllTrails	3
trail signs	2
Trail	2
self	2
practice	2
physical map, Allmaps app	2
physical and smart phone	2
path/signage	2
my brain	2
mtb project	2
mind	2
know it	2
intuition	2
grew up in the area	2
Gps	2
google	2
years of hiking and biking here	1
Years of experience and Hike/Bike Marin book	1
watershed map	1
wander around	1
visuals	1
visual landmarks	1
Vilda teachers	1
Usually I just know it, but sometimes physical map	1
try different trails	1
Trails I know	1
trail signs but not the best method	1

trail post	1
trail markers/ map	1
trail map	1
trail guidebook	1
talking to people	1
sun	1
strava, i know all the roads and trails in the watershed	1
Strava and signs	1
Strava	1
stay on trail?	1
signs/nature	1
signs posted on mtn	1
signs posted	1
signs and physical map	1
Signage, which could be better...	1
signage and visual memory	1
Signage	1
self-memory	1
same trail every week	1
running and hiking in the area my whole life	1
Pictures of map on my phone	1
Physical maps, All Trails app	1
Physical map, smartphone app (Topo)	1
Physical map, personal knowledge	1
Physical map, experience	1
physical map, been here often	1
Physical map but also know trails already	1
physical map and repetition	1
physical map & paths	1
personal familiarity	1
personal experience	1
Path	1
past familiarity and maps	1
Other visitors I ask	1
Online picture	1

online map	1
Nothing	1
none - lived here 50 years	1
no need	1
no map	1
myself	1
my son	1
my own tuition	1
My own self direction	1
my husband <3	1
muscle memory	1
moto	1
mental map	1
memory-sense of smell-been here for 40 years	1
Memory/mcbc map	1
memory. Originally used physical map	1
memory, exploration	1
memory friends & google maps	1
memory and signs along the way	1
memory and friends	1
memory - know the mountain	1
memory - grew up here!	1
mcbc map	1
markers	1
maps, me	1
maps near road	1
map, advice from friends	1
many years of hiking here	1
look up	1
look at map before leaving	1
Long time experience	1
Local traveling	1
Local friend	1
Local	1
lived here my whole	1



Lived here for 30 years, pretty familiar	1
Lived here 57 years	1
live locally	1
Lifetime of hiking	1
lifetime knowledge	1
lifetime experience	1
learned from y dad and highschool teachers (1970s)	1
land markers	1
knowlwedge	1
knowledge of trails	1
knowledge at this point	1
know the way	1
know the trails baed on historical knowledge	1
Know the route	1
know the roads	1
Know the general area	1
know the area	1
Know route	1
know it well	1
know it sometimes	1
know area	1
just walk	1
I've been coming here for years	1
instincts	1
I'm from here	1
I live here	1
I know!	1
I know the watershed	1
I know the trail	1
I know the paths	1
i know the mtn from yrs of exp	1
I know the mountain	1
I know the area.	1
I know the arae	1
I know my way around the mountain	1

I know my way around :)	1
I know my way around	1
i know mt tam	1
I KNOW IT WELL!	1
I know it well	1
I know it	1
i know every trail	1
I know area well	1
I know all the trails.	1
I know	1
I just walk around a lake?	1
I grew up in Fairfax and know the trails pretty well	1
I didn't	1
History	1
head	1
hammerhead bike computer	1
guided by intuition	1
grew up here, still know the trails	1
Google maps and physical map	1
get lost	1
from memory	1
From here	1
Friends of Mt. Tam map	1
Friends	1
Friend/ guide	1
following leader	1
followed friend	1
Follow trails	1
Follow the trail	1
fate	1
familiarity	1
Familiar with trails	1
familiar with the mountain	1
familiar with the area	1
familiar with area	1

explore/use trail signs	1
explore	1
experience, physical map	1
don't use one	1
don't need much, just a walk around the lake	1
by feel	1
by eyeballs	1
Brother - park ranger.	1
brainpower	1
brain map	1
Both	1
Been riding here 40 years	1
been many times	1
been going here for years	1
area knowledge	1
already know trails	1
AllTrails, google	1
Alltrail	1
all trails	1
all of the above	1
All - Avenza for phone map, also take pictures of physical map	1
50 yrs of watershed	1
50 years of trail experience	1
50 years in watershed	1
27 years of exploring	1
20 years experience	1

Answered: 408 Skipped: 655

**Which smart phone app do you use?**



Response	Count
Alltrails	60
Strava	36
google	33
Google maps	27
all trails	26
Googlemaps	7
Apple Maps	7
n/a	5
garmin	5
gaia	5
Apple	5
TrailForks	4
maps	3
Google map	3
Waze	2
maps.me	2
Gps	2
Wahoo	1
US Topo maps	1
us topo	1
Trails	1
trailforks, strava, me	1
trailforks and strava	1
trailfork	1
Trailfolks	1
Trail	1

Strava/Garmin	1
strava, trailforks	1
Strava or AllTrails	1
Strava and Trail Forks	1
Strava & Trail Forks	1
smart trails	1
Mountain Bike Project and Google Maps	1
MotionX GPS	1
maplets	1
Komoot	1
komood	1
iNat	1
Hammerhead karoo	1
Google maps/Strava	1
Google Maps/Gaia	1
Google Maps and strava	1
google map, all trails	1
Google and strava	1
google and alltrails	1
gOOGEL MAPS	1
Gogle	1
Garmin, google	1
Garmin, alltrails	1
Gaia GPS	1
g maps	1
experience	1
avenza	1
apple/ google	1
Apple map	1
alltrails, strava	1
alltrails, google maps, exp	1
alltrails, google maps	1
Alltrails, garmin	1
AllTrails or Google Maps	1
alltrails and google maps	1

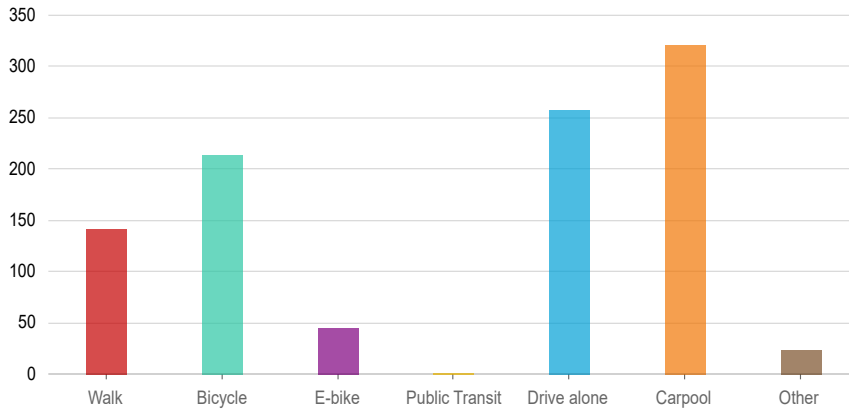


All Trails for first visit, also by memory now.

1

Answered: 277 Skipped: 786

How did you get here today?



Answers Count Percentage

Answers	Count	Percentage
Walk	142	13.36%
Bicycle	214	20.13%
E-bike	45	4.23%
Public Transit	1	0.09%
Drive alone	258	24.27%
Carpool	322	30.29%
Other	24	2.26%

Answered: 1,006 Skipped: 57

Other



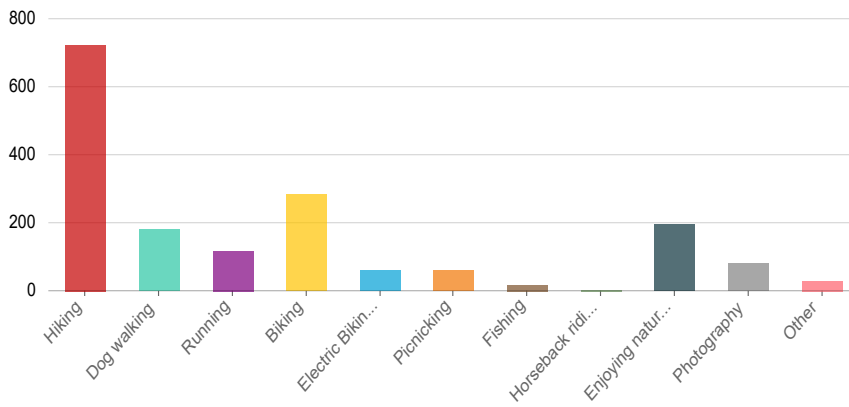
Response Count

Response	Count
run	5
Jogged	2
Drive with spouse	2

Walking and biking	1
walked from Ross	1
walked from Mountain Home Inn (we drove to the Inn)	1
ran	1
motorcycle	1
moto	1
memory	1
EV Car	1
drove alone however I often walk in	1
Drive with wife	1
Drive or walk	1
drive alone/carpool	1
drive alone but with small dog	1
carpool and walk	1
bike, run	1

Answered: 24 Skipped: 1039

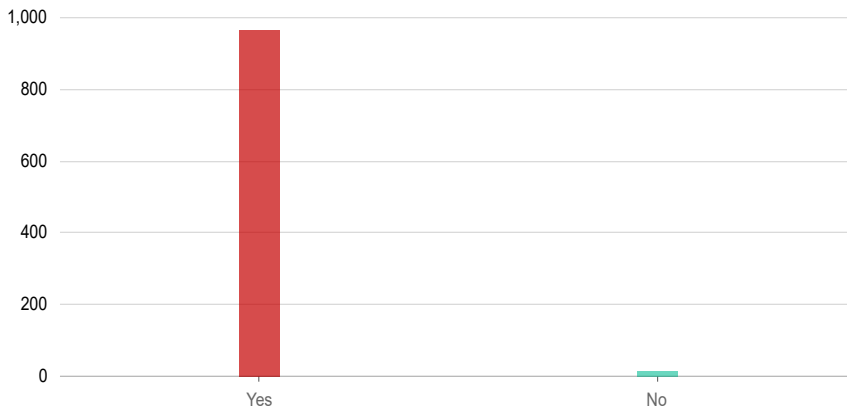
**What best describes the primary activity / activities of your trip to Mt. Tam today? (Check all t...**



Answers	Count	Percentage
Hiking	725	68.2%
Dog walking	182	17.12%
Running	118	11.1%
Biking	285	26.81%
Electric Biking	61	5.74%
Picnicking	61	5.74%
Fishing	19	1.79%
Horseback riding	4	0.38%







Answers	Count	Percentage
Yes	967	90.97%
No	14	1.32%

Answered: 981 Skipped: 82

**If no, what concerns you? (Illegal activity, theft, wildlife, etc)**

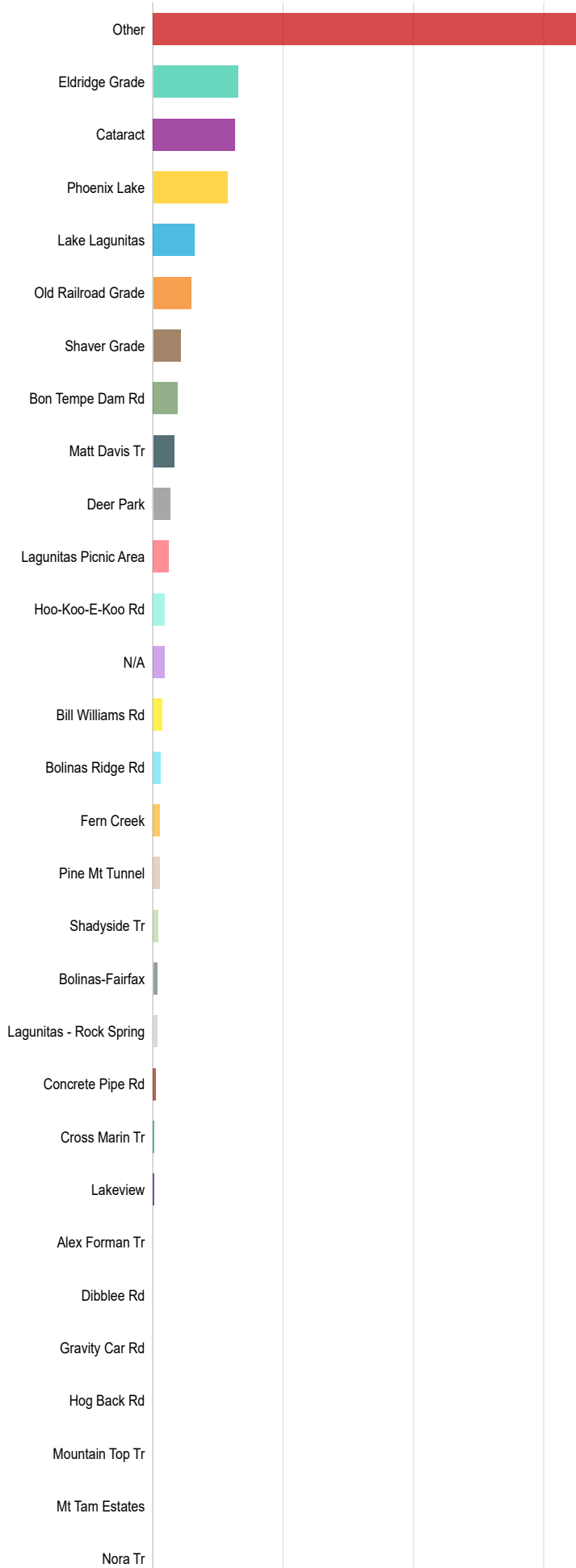
The word cloud requires at least 20 answers to show.

Response	Count
Yes, but sometimes bikes.	1
Yes except for dodging bikes	1
Not really. Bikes going way too fast downhill Eldridge. Homeless people around Phoenix Lake. Dogs off leash Phoenix Lake around Bill Williams, Gertrude Ord	1
n/a	1
Interactions with coyotes a bit unnerving. They have gotten very close!	1
I used to feel super safe but now bike riders are not mindful which can cause accidents.	1
I don't feel welcome by hikers.	1
generally yes, but I have been almost taken out by bikes that are too fast. It's a problem.	1
Generally feel safe, except for around bikes.	1
Conflict with off road vehicles (mountain bikes)	1
Bikers speeding and bullying me when I tell them to slow down	1

Answered: 11 Skipped: 1052

**What is your favorite or most frequented trail route?**





Answers	Count	Percentage
Other Sky Oaks	327	30.76%
Eldridge Grade	65	6.11%
Cataract Tr	63	5.93%
Phoenix Lake Rd	57	5.36%
Lake Lagunitas Rd	32	3.01%
Old Railroad Grade	29	2.73%
Shaver Grade	21	1.98%
Bon Tempe Dam Rd	19	1.79%
Matt Davis Tr	16	1.51%
Deer Park Rd	13	1.22%
Lagunitas Picnic Area	12	1.13%
Hoo-Koo-E-Koo Rd	9	0.85%
N/A	9	0.85%
Bill Williams Rd	7	0.66%
Bolinas Ridge Rd	6	0.56%
Fern Creek Tr	5	0.47%
Pine Mt Tunnel Rd	5	0.47%
Shadyside Tr	4	0.38%
Bolinas-Fairfax Rd	3	0.28%
Lagunitas - Rock Spring Rd	3	0.28%
Concrete Pipe Rd	2	0.19%
Cross Marin Tr	1	0.09%
Lakeview Rd	1	0.09%
Alex Forman Tr	0	0%
Dibblee Rd	0	0%
Gravity Car Rd	0	0%
Hog Back Rd	0	0%
Mountain Top Tr	0	0%
Mt Tam Estates Rd	0	0%
Nora Tr	0	0%
Plank Walk Tr	0	0%
Sky Oaks Rd	0	0%
Temelpa Tr	0	0%

Answered: 710 Skipped: 353



Natalie Coffin	2
Mt. Tam lookout	2
middle loop	2
many	2
fish	2
fire roads	2
eldridge, old railroad grade	2
Deer Park	2
Colier Trail	2
cascade falls	2
Canyon Trail	2
Arturo	2
all!	2
5 Corners	2
yolanda, phoenix lake loop	1
Yolanda, Madrone, and Pilot Knob	1
Worn Springs	1
woody and edgewood	1
Windy Ridge Trail	1
Windy Ridge	1
Visitor	1
views of mt tam	1
verna dunshee	1
Tucker, Hidden Meadow, Yolanda	1
Tucker, Baldy, etc.	1
tucker trail, bon tempe, yolanda	1
Tucker	1
top of mt. tam	1
too many to name <3	1
the top	1
Tenderfoot	1
temelpa	1
TCC Trail	1
Tamarancho	1
Sunnyside	1

sunside, shaver grade, yolanda	1
Summit trail	1
Stocking - Rocky Ridge	1
splitrock	1
southern marin hike	1
Six Points Trail	1
shaver/lake lag	1
Rockspring trail, benstein trail, laurel dell	1
Rock Spring Trail	1
Repack	1
really all of it	1
Railroad Grade and Old Stage	1
railroad grade	1
pumpkin ridge	1
piney pt, around the lakes	1
Pine Ridge,	1
pilot knob, bon tempe, lake lag	1
Pilot Knob	1
phoenix, stage road, rock spring, matt davis, old mine, rr grade	1
Phoenix, crown area	1
Phoenix Lake, Lake Lag	1
phoenix lake	1
peak lookout	1
Pantoll/Alice Eastwood Loop	1
panoramic, shaver, 5 pts, panoramic	1
panoramic	1
Not sure yet/first time	1
Northside kent trail from rockspring	1
North side, eldridge, pine mtn, matt davis	1
North side, azalea hill, simmons/ pig pond	1
non paved trails	1
No favorites - entire watershed!	1
No favorite, enjoy many	1
Never been here	1
natalie coffin greene	1



Mt. Bike trail from Mill Valley	1
mountain ridge	1
Mount Bald trail	1
Moore/Canyon/Six Junction	1
Miwok Trail and Del Casa Fire Road	1
miller fern creek	1
marin headlands	1
madrone terrace	1
madrone	1
love them all equally	1
loop of Phoenix Lake	1
look out trails	1
like all	1
Lakes route	1
Lake, Lag, Bon Tempe, Phoenix Lake	1
Lake loops	1
Lake Lagunitas, Bon Tempe, Deer Park, Pam's Blue Ridge	1
lake lag/ bon tempe	1
Lake Lag, Alpine, Bon Tempe	1
ladder	1
Kent trail	1
Kent Dam Grassy Knoll	1
indian fire trail	1
Indian Fire rd, Hoo Koo E Koo	1
I use the fire roads-not trails	1
I use many	1
I love them all	1
I like them all	1
i been on most trails	1
Huckleberry	1
How can we say we love it all?	1
hoo koo e koo	1
hiking: all trails on the northside of tam. biking: need single track	1
Hidden Meadows/Yolanda	1
gertrude trail	1

Gertrude Ord/Yolanda Trail	1
gertrude loop	1
from stinson	1
Five Corners/Bald Hill/Yolanda	1
First time here	1
fern creek	1
Everything/all trails!	1
everyone	1
Eldridge, shaver, azaela hill	1
eldridge, shaver	1
east peak, eldrige, lagunitas, bon tempe, shaver	1
East peak- fire trails	1
Dispea/ Steep Ravine	1
Dipsen	1
dipsea, matt davis, steep ravine	1
Dipsea trail	1
Depends on the day	1
Deer Park-Six Points loop	1
Deer Park, Shaver, Elridge, Yolanda	1
Deer Park to the lakes	1
Deer Park loop	1
Deer Park and Lake Lagunitas	1
Crown Road	1
crown rd	1
Crown	1
Corte Madera Creek	1
Collier, Cataract, Yolanda	1
Collier Springs/Tucker Allen	1
Collier	1
Colier, Lower Berry, Old Sled	1
colier trail, lake to dam, lake lag	1
Colier	1
coastal, davis	1
Coastal Trail	1
coastal	1

coast view	1
cataract/ dipsea	1
Cascade areas	1
Carson Falls	1
Canyon	1
camp tamarancho	1
Buckeye	1
Bon Tempe/Deer Park/Phoenix Lake	1
Bon Tempe trails, Lagunitas trails	1
Bon Tempe Spit	1
Bon Tempe Loop	1
bon tempe lake & phoenix lake	1
Bon Tempe Lake	1
Bon Tempe and Lagunitas	1
Bon Tempe + Lake Lagunitas	1
bon tempe & lake lagunitas loops	1
Blithedale Ridge	1
Benstein/Mickey Obrien/High Marsh	1
Baltmere Canyon	1
Baltimore canyon	1
bald trail	1
Bald Mt.	1
bald hill - king mtn	1
Bald hill	1
backside	1
around Phoenix Lake	1
around Lake Lagunitas	1
around bon tempe & lake lagunitas & eldridge	1
Any that will have me	1
alpine lake tr	1
alpine dam loop, sir francis drake to bolinas rd to bofax, ridgecrest, panoramic to mill valley	1
Allen Trail	1
all trails around phoenix lake	1
all trails	1
6 Points trail	1

Answered: 326 Skipped: 737

In your experience, where is the most congested area(s) of the watershed?



**Response**

**Count**

Response	Count
Phoenix Lake	65
Natalie Coffin Greene	19
parking lots	14
lake lag	14
N/A	11
Cataract	10
Natalie Coffin Greene parking lot	8
phoenix	7
Lagunitas	6
Deer Park	6
5 corners	6
phoenix lake parking lot	5
Pantoll	5
don't know	5
shaver	4
Railroad Grade	4
Phoenix Lake Area	4
Lake Lagunitas	4
Five Corners	4
East Peak	4
Dipsea	4
Bon Tempe	4
shaver grade	3
Phoenix Lake and Lake Lagunitas	3

parking lot	3
?	3
Summit	2
Steep Ravine	2
rock spring	2
Phoenix parking lot	2
Phoenix Lot	2
Phoenix loop	2
Phoenix Lake Road	2
Phoenix Lake Rd	2
phoenix lake loop	2
panoramic hwy	2
Old Railroad	2
Muir Woods, Pantoll, Bootjack	2
Mountain Home	2
Matt Davis	2
Lake Lagunitas Trail	2
lake lagunitas parking lot	2
Lagunitas parking lot	2
fairfax	2
cataract falls	2
Bon Tempe and Phoenix Lake	2
Bofax	2
around phoenix lake	2
Around Mount Tam/Phoenix Lake	2
all good	2
wpi	1
Where the most bikers area	1
West Point Inn	1
West Point	1
weekends are busy	1
weekends	1
was empty today	1
Visitor's center	1
verna dunshee parking lot area	1



unknown	1
Trojan Peak area	1
trailheads	1
trail from west point inn	1
Top of Phoenix	1
the whole rd	1
the parking lot	1
the main road between mill valley and stinson	1
The main path at Phoenix allowing bikes and hikers.	1
The broken road at the stop sign for both ways for cars	1
the area going from deer park right before phoenix lake	1
the 101	1
Tennessee Valley	1
Tenne	1
Stinson beach	1
Southside around Pantoll, Dipsea	1
Sometimes too many bikes together on fire roads. Scary!	1
Shore/damn	1
shaver, 5 points, lake lagunitas	1
Shaver and Lagunitas Rd	1
Shava G.	1
shafer grade	1
same	1
rrg	1
Ross Dam	1
Rock Springs	1
rock spring/ natalie coffin/ cataract	1
rock spring, phoenix lake, lag lake, around lakes, anywhere on the weekend	1
rock spring, phoenix lake	1
Rock Spring parking lot on weekends	1
Rock Spring and Matt Davis	1
Roads/biles - bike lanes would be great viewpoints	1
Roads headed up from Mill Valley	1
Roads and trails- anywhere bikes are allowed	1
Roads	1

Road in and out of the watershed/Sky Oaks	1
rarely congested	1
Railroad Grade and Deer Park	1
rail road out of mill valley	1
Phoenix, Lagunitas	1
Phoenix up to Lagunitas	1
Phoenix Lake/Shaver	1
Phoenix Lake/Ross area	1
Phoenix Lake/here	1
Phoenix Lake, Lake Lag	1
phoenix lake, lag on weekends	1
Phoenix Lake, it's impossible to park	1
phoenix lake, deer park, lake lag, RR grade	1
Phoenix Lake, Deer Park, and Lagunitas paring lot	1
phoenix lake, deer park	1
Phoenix Lake Trail Junction	1
phoenix lake trail head	1
phoenix lake trail	1
Phoenix Lake Rd from Natalie Coffin Greene	1
Phoenix Lake perimeter	1
phoenix lake parking lot / trailhead	1
Phoenix Lake and Lake Lag parking lots	1
Phoenix Lake and Elridge Grade	1
phoenix lake and around 5 corners / lakes	1
Phoenix Dam/here	1
paths around the lake	1
parking on the weekends	1
parking lots at lake lagunitas & phoenix lake	1
Parking lot leading to Phoenix Lake	1
parking lot and trail going up	1
parking areas	1
Parking	1
Pantoll-Dipsea-Phoenix Lake	1
Pantoll, West Point Inn	1
Pantoll and Cataract	1

Only have exp with the summit	1
Only during the pandemic, it was too crazy up here.	1
old rrg, southside mt tam	1
not sure	1
Not congested when I visit	1
not congested at all. Most people congregate at parking lots	1
not congested	1
Not a problem	1
none	1
no opinion	1
No idea so far.	1
never noticed congestion	1
never experienced a congestion problem in 20 years	1
near the dam	1
Near stinson beach, mill valley, or alpine dam	1
natalie coffine greene	1
Natalie Coffin parking lot	1
Natalie Coffin Greene parking	1
natalie coffin	1
muir woods	1
mt. tam theater area	1
mt tam theater	1
Mill Valley	1
marin headlands	1
Major picnic areas	1
Lower Phoenix Lake	1
leave it	1
Lakes on the weekends	1
lakes	1
Lake route	1
Lake Lagunitas, top of Tam, Bon Tempe, Kent Trail	1
Lake Lagunitas rd	1
lake lagunitas picnic area	1
lake lagunitas parking area	1
Lake Lagunitas and Phoenix Lake	1

Lake Lagunitas and Lake Bon Tempe	1
Lake Lagnitas	1
Lake Lag or Rock spring	1
lake lag and natalie coffin	1
Lagunitas Trail	1
Lagunitas Picnic Area parking lot	1
Lagunitas Picnic Area	1
Lag picnic area, phoenix lake	1
it is not congested	1
I mostly come in the early mornings. It's typically uncrowded!	1
I go too early for it to be impacted.	1
I don't know	1
Highway 1- bikes	1
highway	1
Here (Phoenix Lake)	1
going down to cataract falls	1
from parking lot to shaver grade	1
Five Points	1
Five Corners/Phoenix Lake	1
Five Corners, Down to Phoenix Lake/Bon Tempe Lake	1
Five Corners and Phoenix Lake	1
Five Corners and Eldridge	1
Fire Trail up	1
fire tower	1
Fire roads with e-bikes	1
Fire roads - 5 Corners/Boy Scout	1
fire roads	1
entry	1
Entrance	1
eldridge grade	1
e-bike trail	1
East Peak Visitor Centre	1
Don't know.	1
Dipsea :)	1
depends on what time you come	1

Depends on the day	1
Deerpark	1
Deer Park/ Shaver Grade	1
deer park, phoenix lake	1
Deer Park, Lagunitas picnic area	1
Deer Park Trailhead	1
deer park to fire road between deer park and 5 corners	1
deer park parking lot	1
Deer Park parking and Phoenix Lake parking	1
Deer Park Fire Road (at Oak tree junction)	1
Deer Park fire road	1
Deer Park Fire rd	1
dam road	1
crown trail	1
congestion is not a problem	1
Certain days/weekends/holidays would have higher impacts - perhaps min files better	1
cataract, matt davis	1
Cataract Trail	1
Cataract tr, phoenix lake	1
Cataract Falls area	1
cataract crazy. once counted 300 cars	1
Cascade Falls	1
Camping ground	1
camp tamarancho	1
bottom of railroad grade and around pantoll	1
bottom of eldridge	1
bootjack, pantoll	1
Bon Tempe/Phoenix Lake/Lagunitas	1
Bon Tempe and Lagunitas	1
Bon Tempe and higher up the mountain.	1
Bolinas-Fairfax	1
bolinas ridge	1
bill williams	1
Bikes on the paths are slightly annoying in general.	1
between phoenix lake and the parking area	1

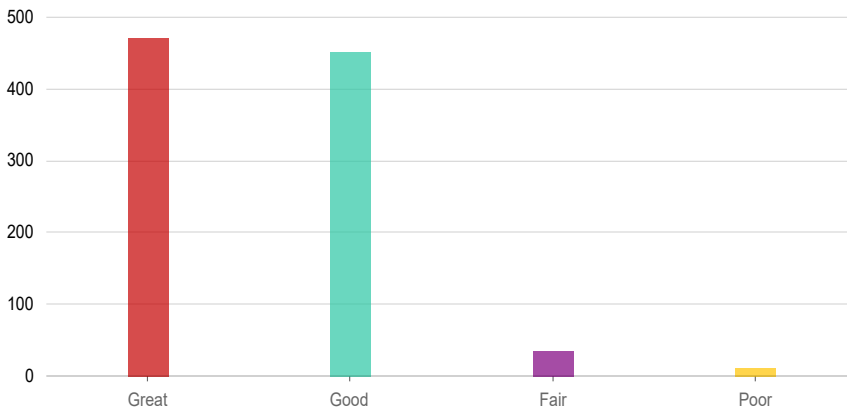


beginning of trail	1
base of phoenix lake	1
around the lakes	1
Around Lake Lagunitas, south side trails.	1
areas near Mill Valley-Bliithedale, Old Railroad Grade	1
alpine dam, lake lag	1
Actual East Peak during noon hours	1
6 point trail with people - but not bad when we go bikes on fire road	1
5 points	1
5 Corners or Phoenix Lake	1
5 Corners - Bikes very fast.	1
1st time here	1

Answered: 469 Skipped: 594

**please\_tell\_us\_about\_your\_trail**

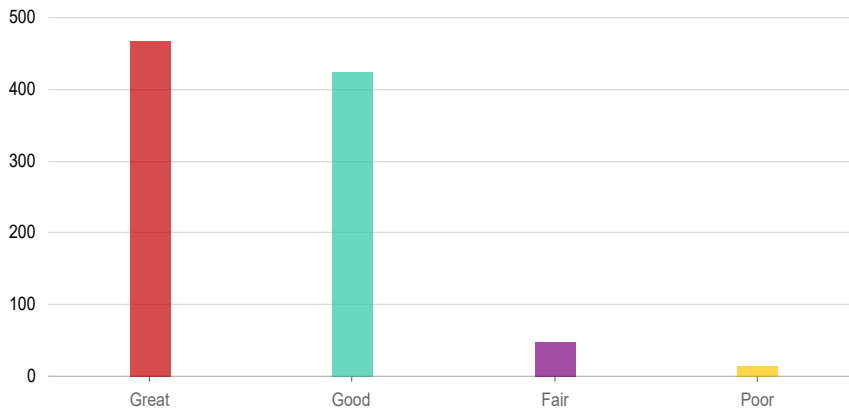
o 1. Trail conditions



Answers	Count	Percentage
Great	472	44.4%
Good	452	42.52%
Fair	36	3.39%
Poor	12	1.13%

Answered: 972 Skipped: 91

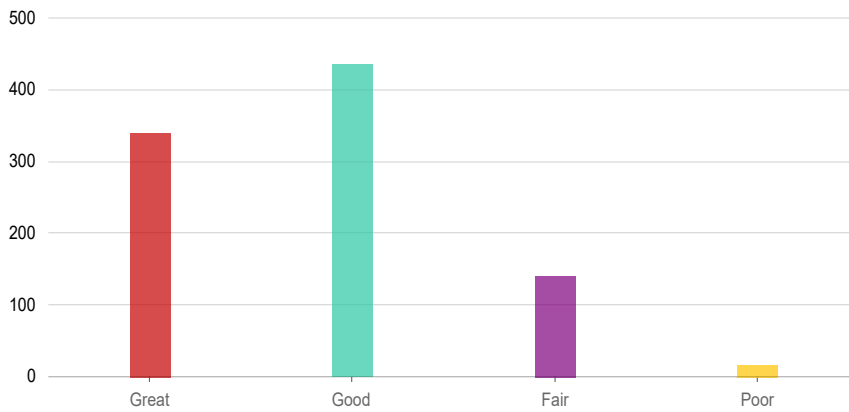
o 2. Fire road conditions



Answers	Count	Percentage
Great	468	44.03%
Good	424	39.89%
Fair	48	4.52%
Poor	14	1.32%

Answered: 954 Skipped: 109

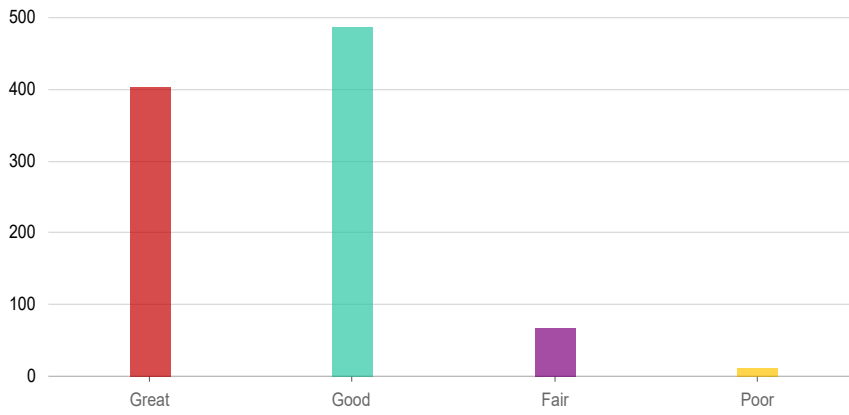
o 3. Usability of maps and signs



Answers	Count	Percentage
Great	341	32.08%
Good	436	41.02%
Fair	141	13.26%
Poor	17	1.6%

Answered: 935 Skipped: 128

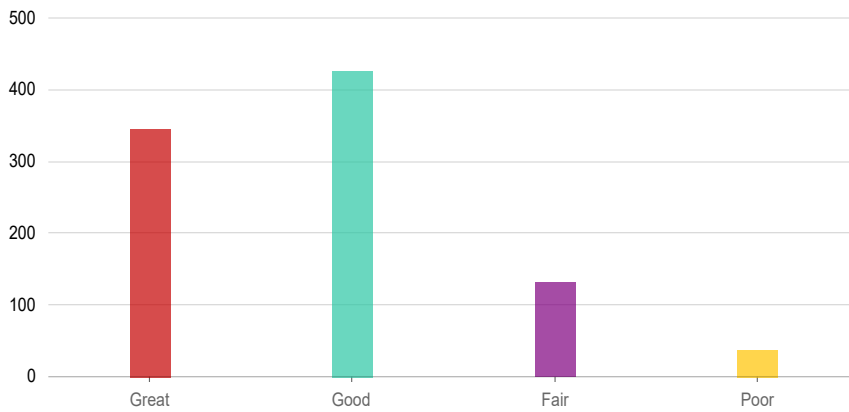
o 4. Interactions with other visitors



Answers	Count	Percentage
Great	403	37.91%
Good	487	45.81%
Fair	68	6.4%
Poor	12	1.13%

Answered: 970 Skipped: 93

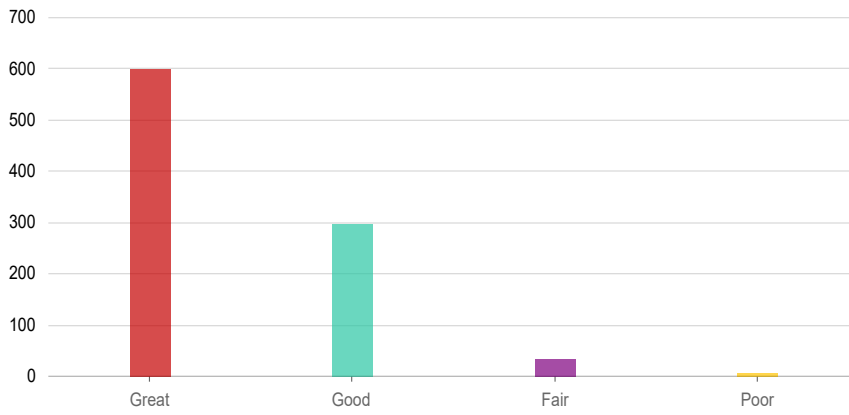
o 5. Interactions with other visitor's dogs



Answers	Count	Percentage
Great	346	32.55%
Good	427	40.17%
Fair	132	12.42%
Poor	38	3.57%

Answered: 943 Skipped: 120

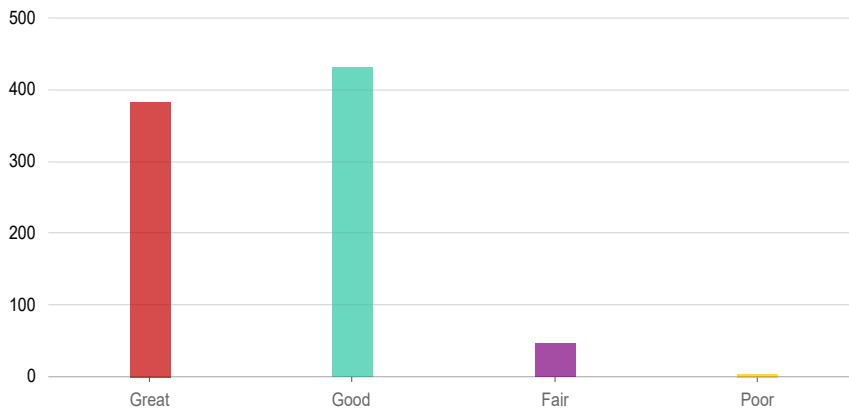
o 6. Interactions with Mt. Tam Watershed staff



Answers	Count	Percentage
Great	601	56.54%
Good	298	28.03%
Fair	34	3.2%
Poor	7	0.66%

Answered: 940 Skipped: 123

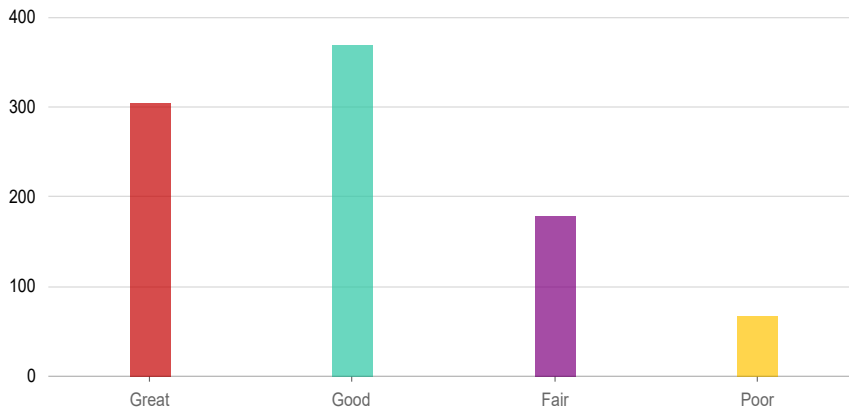
o 7. Picnic areas



Answers	Count	Percentage
Great	384	36.12%
Good	432	40.64%
Fair	47	4.42%
Poor	5	0.47%

Answered: 868 Skipped: 195

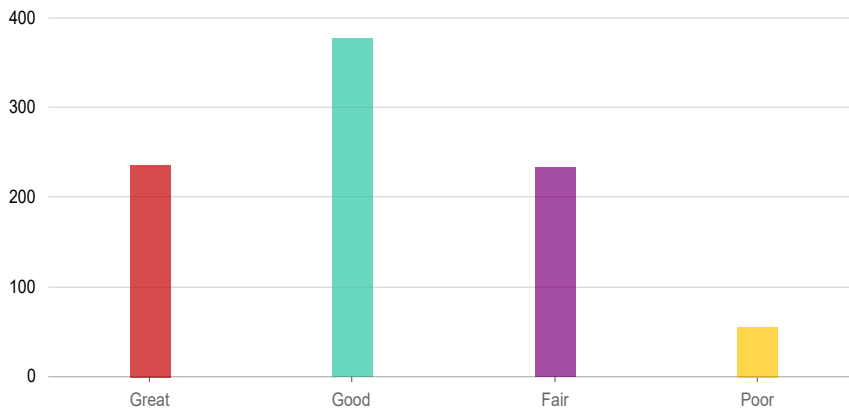
o 8. Parking



Answers	Count	Percentage
Great	305	28.69%
Good	370	34.81%
Fair	179	16.84%
Poor	68	6.4%

Answered: 922 Skipped: 141

o 9. Restrooms



Answers	Count	Percentage
Great	237	22.3%
Good	378	35.56%
Fair	234	22.01%
Poor	56	5.27%

Answered: 905 Skipped: 158

For any "Poor" answers above, please cite specific issues:





Response	Count
not enough parking	9
More parking	3
very limited parking - we live in SF and have to drive.	2
off leash dogs	2
Not enough parking.	2
Need more restrooms. Congested trails bring out the worst in people.	2
make dogs on leash more bathrooms	2
would love more signs. open streets near phoenix to everyone. not just people who live in the area. cuts off access to folks without \$	1
Would be nice if there was more parking at Natalie Coffin Greene	1
We came down the wrong way from East Peak and ended up on a trail that is closed. It is closed off with chains on the way up, but it is not chained off at the top. It was very steep and dangerous for my older mother. There were no signs at the top telling us which way to go down.	1
very limited.	1
usually the restrooms are ok but today they are a bit dirty	1
Trails need work. Drainage and brushings	1
Trails need to be re-routed & improved for environmental purpose	1
Trails are poorly designed and aligned, causing erosion. Not enough restrooms.	1
Trail conditions great, with a few exceptions. Dogs have occasionally been aggressive.	1
Too many unleashed dogs. Just saw one going for a swim in Phoenix Lake.	1
too many poop bags on trail	1
Too many poop bags left by people :(	1
Too many ignore leash requirements and create hazards	1
too many dogs off leash scaring hikers	1
too few spaces at nat greene coffin	1
To many off leash dogs or dogs not under control.	1
the lines/wait to park are insane, not everyone understands the protocol of waiting, no parking at Lagunitas.	1

the lack of parking has visitors walking the roads with no walk paths of sidewalks	1
Testosterone/ bikers	1
some trails need lots of maintenance. Allow bikes and they will do it.	1
Some signage needed at Barth and trail heads	1
Some dog owners are disrespectful of others.	1
So many dogs off leash	1
signage at trailheads good but at intersections often confusing	1
roads need more work	1
Roads and trails have bad alignments causing erosion from water and are not maintained. Poor signage for wayfinding and education. No water or restrooms.	1
road congestion and parking are the challenges. there is little it seems that can be done about this	1
Restrooms are really dirty.	1
real restrooms would be nice	1
Rarely parking available in the AM	1
Rangers are mean.	1
Pretty limited parking, but this could honestly be a good thing.	1
portapotties not reasonable for families or elders	1
Portapotties are yuck	1
portapotties are GROSS!	1
Portable toilets - yucky! I call the big one at the parking lot at Lagunitas "The Horrible Hut"	1
porta potties not super clean and no place to wash hands	1
porta potties need to be regularly maintained	1
Porta potties but better than nothing	1
porta potties aren't great	1
Poop bags left pn trail, dogs off leash	1
Please put gravel on fireroad that goes from main road to West Point Inn (below East Peak)	1
Pit toilets	1
Phoenix bathroom	1
Permanent bathrooms like at Pt. Reyes	1
People waiting for parking at Phoenix	1
People use facilities like a dog park. I have seen dogs chasing wildlife and threatening me. I have never see n a ranger enforcing leash laws.	1
People are not mindful with dogs.	1
Parking too congested	1
parking lot too small and not well planned	1
parking is difficult during weekends, nightmare.	1

Parking can get crowded but not sure there is an easy solution	1
parking can be difficult during the weekends. more accessible bathrooms needed	1
Orta potty 5 corners doesnt lock	1
off leash dogs, owners not paying attention	1
off leash dogs run across trail	1
off leash dogs are an issue.	1
off leash	1
not many spots for volume	1
not many options	1
Not great maintenance	1
not enough parking...	1
Not enough parking spaces	1
not enough parking or restrooms!	1
not enough parking at natalie coffin greene	1
Not enough parking (but maybe this is a good thing)	1
Not enough of either	1
Not enough bathrooms	1
not enough access points to park at	1
None of the trails are maintained	1
none - well kept area	1
no single track	1
no restrooms	1
no parking at phoenix lake	1
no bike trails & no single track access	1
never saw staff	1
need real restrooms	1
Need more signs that show all of the trails	1
Need more restrooms	1
Need more parking. Fire roads have loose gravel that is dangerous for bikes.	1
need more parking and restrooms.	1
Need more parking	1
need more bathrooms not porta potty	1
need better sanitation	1
Need better facilities. Compost toilets, see mt shasta	1
need better bathrooms I will not use the bathrooms	1

most people do not least dogs.	1
more water access	1
more restrooms + garbages would be great	1
more rangers	1
more parking options	1
More parking near pheonix	1
More parking is needed at the Deer Park area	1
More H2o fountains	1
Minimal space to park	1
maps n/a	1
maps and signs could be cleaner	1
many trails not marked	1
Many offleash dogs, poor signage	1
lots of downed trees on smaller trails	1
Lots of dogs off leash.	1
limited parking at some/many trails	1
Limited parking at Natalie Coffin	1
limited parking	1
limited number of bathrooms	1
limited bathrooms	1
lake lagunitas parking	1
lack of parking	1
KEEP DOGS ON LEASH! Monitor!	1
just not enough restrooms	1
Just don't like the poop bags left behind	1
improve restrooms, improve maps and signage at trails and junctions	1
improve restrooms	1
I want to ride certain trails but since they are illegal, the staff gives people a hard time.	1
I see no signs of hiking paths	1
I don't drive to the watershed, but parking does seem congested.	1
How about a shower	1
Fire roads not fun to bike	1
Fire roads need to be graded, I have ADA concerns about them. More maps and more trail connections to create loops. Unleashed dogs are causing problems. High school aged bikers (HS mountain biking team) have harassed me and threatened me. I'm afraid they will knock me over.	1
Fire roads are steep and rutted. Not an enjoyable experience and high sediment contribution.	1

fire road to lose, rangers to strick	1
Dogs should be on leashes in high traffic areas.	1
Dogs should be kept on leash	1
Dogs off leash. Hikers not paying attention to surroundings. Hikers using entire width of road and trails.	1
Dogs off leash in water, yellow jackets, smokers	1
dogs off leash are a PROBLEM	1
Dogs off leash and poop bags	1
Dogs leash on old Railroad pose a hazard. Always need leashes strictly enforced.	1
dogs in lakes	1
Dog owners can feel pretty entitled and have their dogs off leash. Maybe better signage on single track trails in bon tempe. I've encountered bikes on these trails	1
dirty restrooms	1
Dirty bathrooms	1
dirty	1
Cyclists dont follow "no bike" trail rules	1
cyclists are ok, getting better. dog owners are out of control	1
Crowded parking, porto potty's	1
crazy dog owners	1
Could use more trail signs	1
Cars waiting to park in lot	1
broom yolanda	1
Bikers using single track trails are a problem	1
Bikers dont follow rules for no bike trails	1
Bikera dont follow "no bike" trails	1
better bathrooms maybe	1
better bathrooms	1
Belligerent mountain bikers are a problem. Mountain bikers who do not follow trail restrictions.	1
Bathrooms are dated	1
bad erosion, loose rocks on elridge	1
Always a gamble	1
allow mtb	1

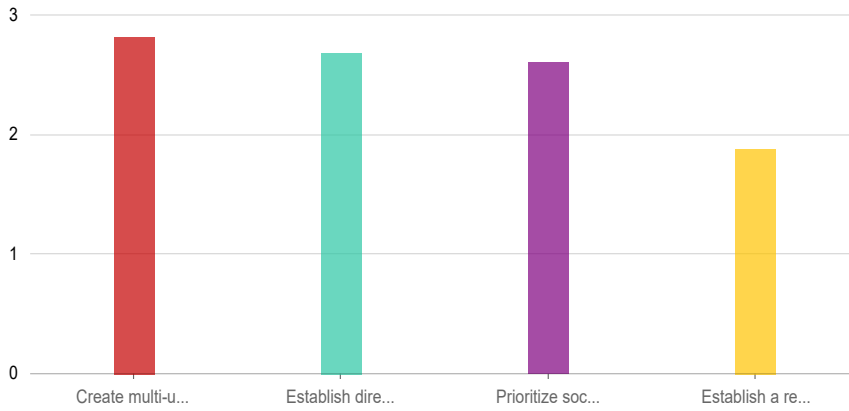
Answered: 172 Skipped: 891

**What improvements to Mt. Tam would you like to see?**

Web browsers may not respond well when there are more than 500 answers in the word cloud. [Show it anyway](#)

Please rank the following trail management strategies based on your likelihood to...





Rank	Answers	1	2	3	Average score
1	Create multi-use trail connections to separate visitors in high use areas.	30.96% 174	32.21% 181	24.73% 139	12.1% 2.82 68
2	Establish directional trails in high use areas to reduce congestion.	25.98% 146	31.85% 179	27.05% 152	2.69
3	Prioritize social trail closures and restoration activities to reduce the impacts of watershed visitors.	31.85% 179	20.11% 113	25.09% 141	22.95% 2.61 129
4	Establish a reservation parking system for high use trail heads to reduce	11.21% 63	15.84% 89	23.13% 130	1.88

Answered: 562 Skipped: 501

Do you have any other thoughts or experiences you would like us to know about concerning...



Response	Count
n/a	4
Test	3
no e bikes	3

Thank you!	2
no thanks	2
more single track	2
Low support for any of the following trail management strategies	2
Love it	2
less bikes.	2
Keep up the good work!	2
Establish directional trails in high use areas to reduce congestion Establish a reservation parking system for high use trailheads to reduce visitor impacts	2
you need aa cyclist on the Rec Plan poster	1
would love to have more access to single tracks for biking	1
would like to see the natalie coffin greene parking lot closed to all except ada use only	1
would be nice to have a number for where to report trail problems. I have been hiking on Tam for 30+ years. re: ranking: all rated "4"	1
Will never forget it!	1
Where are the Rangers? I rarely see one - I suspect we need many more. Their presence would go a long way to helping some of the missed problems - people need to be/have reminders to respect others and the environment. Sad, but true. Thank you so much for getting input and for everything in place for our lives and souls to the watershed!	1
When doing research, consider traveling tourists. Use options for n/a or other. The area is gorgeous and trails are great. Loved the experience and was pleasantly surprised at the cleanliness of bathrooms. No boom oxes/portable music. prosperiam.com jana@prospariam.com	1
what an amazing resource	1
We traveled halfway across the US specifically to visit this beautiful area to support anything appropriate to preserve the area.	1
We really appreciate everyone who works on the trails to maintain them and make them so enjoyable.	1
We love this mountain and open space. Thank you	1
we love exploring all the trail to and around mt tam, thank you	1
We feel so very fortunate to live here, thank you for doing all you do to support us. Again it seems a little rich that the home of mountain biking has so few single track available for riding, even just for four hours/week.	1
We are so lucky! No e bikes	1
Watershed is great. Need more trails to disperse use. Dogs need to be on leash, conditions between users seem better	1
Water conservation is key. Fire prevention needs to be addressed. More natives need to be planted and some dead logs removed. Nothing wrong with good old fashioned landscaping and manicure effects	1
Wants venmo pay for parking, It's already perfect, not too isolated if I fall	1
very positive interactions with hikers, bikers, dogs and horses over all. Opening some trails alternate days for bikers would be big improvement!	1
users dont all want to experience nature the same way. Allow for pace-based access to separate user types. Weekends are much busier, encouraging use during the week.	1

use a system to better segregate bikers & hikers more directional use , off days....etc	1
Unfortunately e-bikes are inevitable on Mt. Tam. It's too late to crack down on riders.	1
try to create more ways to correct parking areas with trail heads or pathways	1
treat e bikes the same as regular bikes	1
Trail was beautiful.	1
Too many social trails	1
Too many coyotes	1
too many bikes...	1
time share trails	1
This is my first experience at Tam so I don't have much of an opinion on trails and whatnot but it is beautiful here!	1
There was a truck with learning experiences- that was nice. Scheduled events and walks with naturalists. More detailed trail maps on trails.	1
there should be some way to stop people from speeding on the sky oaks rd	1
There is a large tree with branches that fell over the helen marht trail	1
the watershed is a jewel	1
the people in our community that can enjoy the park the better	1
the land requires serious work and care to mitigate the intensity of inevitable wildfire. Good trail stewardship and land maintenance (clearing and logging) has been demonstrated to work well (all over oregon and was hington). We want trail access safety and a future for the land and water = not destroyed by fire. There are many cyclists ready to help with creating this future. thanks.	1
The amount of dead salamander/ ca newt crushed after first rains, 100 dead by car	1
thanks!	1
thanks for your efforts	1
thanks for getting our feedback	1
Thanks for a great experience.	1
Thank you for maintaining this Bay Area treasure! It's been a place of beauty and refuge, especially during the pandemic.	1
Thank you for keeping this area available, accessible.	1
THANK YOU for getting input from all of us who use/enjoy the mountain! People need maps to access easily, so more maps around the mtn.	1
thank you for caring it is beautiful and i'd love to keep it that way	1
Thank you for being here and your service.	1
Thank you for being here and for all the info	1
Thank you for asking	1
thank you for all that you do	1
tell bikes to slow down	1
Tam needs some singletrack trails for mountain bikes!	1

Swimming lake all great job! Thank you :)	1
Support Prioritizing social trail closures and Establishing directional trails in high use areas.	1
Support for all ranked choices.	1
support all ranked initiatives.	1
such a lovely place to visit, patrons were awesome	1
Store more water. Utilize desalination.	1
stop charging parking	1
Staff develop plans to separate user groups. More mtnb specific trails. Trail conections on socual trails. Leg al mtnb single track	1
Speed signs and enforcement	1
Speed limits for e-bikes	1
Some of my favorite trails have been closed and rerouted in ways I don't like and the amount of damage and erosion I see regularly from mountain bikes and the difficultness it makes to hike is alarming to me. I've been here since 1976- love Marin and am here because of the nature and access to it. I am also a nature photographer for 40 years.	1
slow down bikes	1
Sky Oaks fairfax entrance, the QR code. verizon has no reception so i cannot access it. it would be nice to have this on website somewhere i can access with my phone. thanks	1
singletrack, single track, single track (for mtb)	1
single track trails for bikes	1
Shaver Grade, Eldridge Grade, and Fish Grade are the worst for bikers not following the rules. Bikers should not be allowed to park at Natalie Coffin Greene, they should have to bike in. It's too busy to allow bikers to park there.	1
sharing is caring<3	1
share the trails	1
separating use so Mtn bikes have their own trails throughout the watershed, allow e bikes on all mtb trails, places that allow high school bike races to watershed as well as running, limit equestrian use to areas of low use.	1
Running into mtnb off designsted trails is the worst exp though rare	1
restrict young folks on e bikes	1
reservation system is nice but for those not aware, the park would need to really get the message out some how to alert tourists. i think first come first serve with some type of road block when full or even alerts on interstate and roads.	1
regarding bikes on single track, this is an ancient rule for ancient mindsets. how about rangers actually doing real work (rescue, ambassador, pick up trash, maintain trails) and stop wasting tax payer money by playing cat and mouse with bikers	1
REALLY *NO* EBIKES.	1
re: ranking: survey taker had ranked all as 4/least likely to support.	1
re: e-bikes - not ADA but rather SENIORS - important for 60+ not 65+, age related. I am getting older and want to continue riding. Allow e-bikes. I will use an e-bike in the future. I won't ride it fast! Just use it to assist me in staying on the roads. rating system: only thing they'd be most likely to support is making single track trail availability for bicyclists.	1

rd conditions	1
rating system: everything rated 2.	1
ranking: 4s = Prioritize social trail closures, Establish reservation parking system, Create multi-use trail connections 2 = Establish directional trails in high use areas to reduce congestion	1
Ranking: 4 = Prioritize social trail closures, Establish directional trails, Create multi-use trail connections 3 = Establish reservation parking system You need more Spanish signage throughout the watershed.	1
Ranking: 2s: Prioritize social trail closures, Establish directional trails, Create multi-use trail connections 4: Establish reservation parking system We love the watershed and are so grateful for all that is done to maintain land preserve it for us all!	1
Ranking: 2 - Establish directional trails, Create multi-use trail connections 4 - Prioritize social trail closures, Establish reservation parking system.	1
Ranking: 0 = Establish directional trails in high use areas to reduce congestion; Establish a reservation parking system for high use trailheads to reduce visitor impacts 2 = Prioritize social trail closures and restoration activities to reduce the impacts of watershed visitors 3 = Create multi-use trail connections to separate visitors in high use areas.	1
Put the surveys in an equitable place. Reduce patrols on trails, open the mountain to bikes. Maintain fire roads. Allow bikes on "deep" trails. Spread the load.	1
put more benches and rest areas. Make the west point inn kitchen public. People need food up here for sure.	1
Provide info as to length of time and online discovery	1
prescribed burns	1
Prescribed burning	1
Post signs to keep bikes six feet from walkers/runners. Post more dogs on leash signs.	1
Please remind people about dogs on leash and bicycle riders not obeying speeds around hikers.	1
Please open up more trails to mountain bikes. Build more bike legal trails.	1
please more legal bike trails	1
please keep roads safe for cyclists	1
Please ensure hikers and children safely on the multi use paths. Please keep bikes off precious single track trails with rare native plants (old sled). Ensure picking up of doggie bags	1
Please do not change policy on e-bikes on watershed lands, including roads.	1
Please continue to allow e-bikes. I wouldn't be able to use the trails if it wasn't for the use of the e-bike. It helps people like me to get exercise.	1
please complete the planned azalea hill project	1
Please check out costmarin.org for recommendations on best candidates for upcoming MMWD elections. There recently was an e-bike/pedestrian collision in Sausalito that resulted in the death of the pedestrian. I've witnessed e-bikes speeding on the Tiburon Shoreline Trail. I think e-bikes should be banned from MMWD trails except for enforcement officials.	1
Please allow access to ALL. Do not limit it to one group over another. E-bikes open up a new opportunity for older people to get out into nature. This is why people live in Marin.	1
plant more fish	1
people's dog bags along trails/roads	1
parking spots	1



Organizing traffic, parking, and congestion seems logical. However no permits as little control as possible seems important	1
Open/allow night bike riding	1
nothing, all good!	1
Not that I can think of at the moment.	1
not sure about e-bikes or ranked initiatives yet.	1
not really, love mt. tam, appreciate it deeply as well as efforts of the mt tam watershed staff	1
not now	1
Not at this time. I'm not educated enough to give extra opinions @ this time.	1
not at this time	1
not at the moment thanks	1
not allow e-bikes	1
Nope, thank you!	1
nope, keep up the good work	1
Nope, first time here and i really enjoyed it	1
Nope!	1
None. Love this place, hiking this trail for years. Thank you :)	1
Non-compliant mountain bikers are a problem in the watershed. Multi-use trails are not a solution for many who come to hike the trails in search of quiet nature observation.	1
No. Love it. Keep up the good work	1
No. I've enjoyed running, hiking, and racing here for over 25 years. Thanks!	1
No, all is perfect for me.	1
No reservations, please!!	1
No other thoughts. Love the trails!	1
No more small trails. It's a beautiful area. Let's do everything to protect it.	1
no e-bikes animal conservation	1
No bikes. Close Lakeview and Lake Lagunitas Road to bikes	1
Never met a mt tam watershed employee until today	1
Neglect is not a strategy	1
Need speed signs for bikes what is the max speed?	1
Need a plan to slow bikes on downhills.	1
n/a, great experience	1
mtn bikes 5 mph from dam to natalie coffin	1
mtb that are electric, allow on fire trails and roadway but not on trails	1
Mt. biking should be allowed more places/trails - 5 mph on single track Motorized vehicles should not be allowed anywhere, including electric bikes. Too fast, dangerous.	1
Mostly great work	1

more water stops	1
More water spouts along trail	1
more water in lakes :)	1
more water fountains poison oak removed along trails repairs on trails currently it seems to take years to fix trails improve signage, some are very confusing or in the wrong spot	1
More water fountains would be nice. Less parking would be nice (avoid congestion)	1
More trail upkeep please.	1
More speed limit signs for cyclists/ fires/ smokers/ bbq. No kids and dogs playing in the water	1
more single track opportunities for mtb and allowing e bikes use	1
More signs to pick up dog poo - people aren't good.	1
More signage, more volunteers, more trail maintenance opportunities. Love being able to use the area!	1
More shaded fuel breaks	1
More parking would be great.	1
more parking	1
more mtb single track	1
More mountain biking trails for us to use!!!!	1
more mountain bike single track access	1
more info/enforcement to control dogs - see them swimming in the reservoir and off leash (bad humans :())	1
More fish passage/salmon barrier restoration or scientific info on salmon use in the watershed	1
More fish	1
More enforcement for bikers breaking rules and better signage	1
More clear markingnfor where its safe and ok to park	1
more biking trails	1
More bike trails.	1
More bike trails legal, e.g. certain hours, before 10am	1
more bike friendly trails, single track, e-bikes provide access	1
more bike access!	1
more bike access is the main thing	1
more bike access in san geronimo/ lakes but with enfocement of speed limits or alt days for bikes and hiker s. dogs on leash	1
More bike access	1
More bathrooms, maybe a food/water stand- that changes every month Only ranked choice: Create multi-use trail connections to separate visitors in high use areas (rank = 4)	1
More access for bikes in general- even if on certain days.	1
More access for bikes	1

Managing the wild and the lakes. Driving up the bofax rd is dangerous with the mix of bikes and cars. The old lag bathroom needs a sign that says it's closed. There are people who walk up to it before they realize it's closed	1
Make trails legal	1
make some trails for off leash dogs	1
Make more trails open to bikes.	1
make more multiuse connector trails	1
make more bike trails	1
Make clear whether Azalea trail is open or not	1
Love you! <3	1
love this place	1
Love this Mt Tam mobile. Nature oriented community outreach in person not digital	1
Love the work were doing fuel reduction	1
Love the trails. So beautiful.	1
Love that we allow class 1 e-bikes. Just visited Oregano and areas there treat them like motorcycles, which is ludicrous. Glad we are more open-minded and interested in getting more people out in nature and off the couch.	1
Love it all	1
Love how close it is to the city. We dont come on weekends because it is too busy.	1
love and appreciate the watershed	1
limit use of e bikes. Just for general safety...	1
Limit e-bikes to fire roads	1
limit e bike speed	1
Limit bike usage.	1
Let's save more water!!	1
lets all share and maintain the trails	1
let people explore & less regulations	1
Let bikers build new singletrack or go even/odd days with hikers on existing trails. Or decommission some fire roads and give them to bikers to build on.	1
Legalize more mtb trails	1
Leave it alone, the least measures you take the better.	1
least likely to support "Prioritize social trail closures and restoration activities to reduce the impacts of watershed visitors"	1
Keep up with the good work! Maybe establish a reservation parking system.	1
Keep up the great work!	1
keep up the great work	1
Keep up the good work! :)	1
keep up the good work and esp with fire mgt	1

keep up the good work - will we ever get another reservoir?	1
Keep up good work. Manage aggressive mtbn	1
Keep the watershed easily accessible for all. No paid parking!	1
keep it open, don't change anything	1
Keep it free	1
Keep ebikes off of single tracks and on fire roads. maybe have ebike only trails. re: ranking: support "Establish directional trails..." and "Create multi-use trail connections."	1
Keep doing what you're doing.	1
keep doing what youre doing, limit bikes, especially ebikes.	1
keep caring the the crown jewel of Marin	1
Keep bikes off hiking trails - just separate them out.	1
Keep as is!	1
just parking	1
Just have certain trails for ebikes and police this	1
I've had bikes whizz past disorientingly fast on trails at times, but not necessarily e-bikes.	1
Its very important for me and my son to be able to enjoy mt tam on our mtn bikes. We need access to challenging bike trails	1
It's magical!	1
It's important for everyone (including MMWD staff) to remember this is everyone's place to enjoy and not limit people by too many rules, while still allowing for safety.	1
it's great! Bathrooms can be dirty, park staff can be threatening. a smile and a chat would get a better reaction.	1
It's great to have a wonderful hike to take with my dog when I come to pick up my grandchild at the Fairfax-San Anselmo Children's Center.	1
its great that people are trying to get surveys	1
It's great as is. Leave it be	1
It's great and so accessible to all	1
it's great	1
It's beautiful! So happy to be able to use.	1
it's beautiful	1
it's all good	1
Its a very pressurized situation for all. All folks think of the access as if its their own so regulation at any part of mmwd will be tough to sell. Ive been to meetings and there is no "right" answer. Its all about trying to get buy in from all parties. Which is really hard! Best of luck to everyone	1
it's a great place. keep is preserved from development	1
It was a very pretty trail	1
it is fabulous, its a spiritual experience, positive experience	1
it is a wonderful area for hiking, biking and seeing nature. It is well kept with good trails	1

It is a gift.	1
is there a trail list with descriptions, pictures, to guide where to go?	1
Increase patrols. Like tickets. Offer more sponsored activities to raise \$\$ - specific hikes evening talks and hikes, tracking, ranger talks Clean out invasive plants in Lake Lag and Bon Tempe Offer more volunteer opportunities. Thank you!! :)	1
In general, we are blessed to have this space. People do seem on balance to respect it.	1
important to keep accessibility for local residents	1
im very happy with my experience in the watershed! I would like to see more bicycle specific single track!	1
i'm a local who enjoys hiking and biking our local trails. my friends always have parking issues. would like to see more single track access to bikes	1
I'm a lifetime user of MMWD lands. I support Marin Water's management of the watershed lands.	1
Im a huge fan of thr watershed and see issues of increased access. I use the trails to hike/run/bike with family and applaud managers making trails available. More access to trails with penalty for e bikes	1
if e-bikes continues to increase perhaps paid permits could help fund trail maintenance	1
if allowing e bikes on watershed, limit size and speed	1
I'd would love to see more bike trails. Phoenix to Kentfield. Around Bon Tempe.	1
i would love more info on native people who frequented these trails- I once found an arrowhead near pumpkin ridge and it made me curious. more single tracks open to mt. bikes.	1
I would like to see maybe a few more trash cans? I know that sounds weird but maybe it would reduce dog waste bags by the trail. I am a dog walker and never do that, it shocks me how many do.	1
I would like to see a more open discussion on trails having the possibility to be more than just "hiking" trails and see more trails open up to all trail users	1
I would like to keep bikes off single track trails.	1
I would like some trails opened for mtn biking. Like to ser more invasive eradication interns of staff	1
I worry about the lake bc of wildfire. Ive been to many similar parks in the PNW and the tactics theyre using will help reduce the intensity of fire. I want the watershed to be for everyone including mtnb. Ask mtnb for help we're ready to help with whatever you need.	1
i thoroughly endorse the use of e bikes used responsibly in the mmwd area	1
I think the watershed and access to it are great gifts, great use of minimal funds. Love it! Thank you.	1
I run, hike, bike many of the trails in the watershed. In general, bikers have poor etiquette when passing other bikes and pedestrians. I wish mtnbers would be required to be licensed with a test showing competency and knowledge of rules of the trail	1
I miss the old days before e-bikes. It was less congested.	1
I love to e-bike (class 1) on the Watershed. I am 74 and would not be here if I did not.	1
I love this space. My worst exp are with cyclists	1
I love this park so much! I've never had a negative thought about it. It would just be fun to do more MTB. But good work.	1
I love the watershed and feel very lucky to have access to such a peaceful place and blessed to be able to experience it in my backyard	1
i love the turkeys and the frogs	1
I love running here! We are so lucky!	1

I love mt tam!!!!!! Grateful to have access	1
I love mt tam!!!!!!	1
I love it here and know how much the area is enjoyed by many. I would not like to see too many people here at once and perhaps on higher visitor days there could be notices for capacity.	1
i love it here	1
i love it but wish parking at cataract was better	1
I love all the trails, I appreciate not having to pay everywhere for parking, but I do have an annual pass. I do n't find there is high congestion, I bike, hike and run. Grateful to have all these trails and open space available so people can enjoy nature.	1
I like the watershed a lot	1
I like it the way it is, open to the public.	1
I like it :)	1
I hope we continue to do fire mitigation practices or perhaps even more of them	1
I have an amazing dog who is very responsive to voice control and always stays on the trails. This made me think about a "good dog" permitting program, which could make a bunch of money for the Watershed. There could be tests for responsiveness and obedience, etc.	1
I grew up at Phoenix Lake, son of Bill Hogan. I'd love to see MMWD experiment more with legalizing some more trails for MTB. Particularly out near Pine Mt. Would be awesome to see the bike community take a more active role in trail creation, restoration and building trails to highest enviro standards - make it a competition!	1
I greatly endorse the use of e bikes. They are respectful riders that keep safe	1
I feel so lucky to live here.	1
I enjoy it and appreciate your work.	1
i don't think my routes and times crowded so i am satisfied. mmwd should focus on more water storage etc due to drought	1
I dont ride here often because from my perspective, the trails are not inclusive and there is no consideration given to cyclists, specifically mtn bikers. I would love to ride here more but its clear im not wanted	1
I don't really have any concerns. I love the mountain and remain impressed with what I have access to on a regular basis. With gratitude, Sweta Ras	1
I don't find the trails overly congested. I could support 1-way trails on single track trails.	1
i believe the increase in use of trails, mainly by mtn bikers, warrants more trails being built for their use only	1
I appreciate the watershed and having access. Curious what's happening with Lake Lag and the growth of plants filling it. Can/should it be kept more clear to allow more water storage? Years ago you gave out MMWD maps on scarves???? Maybe bring them back and see them to support watershed work. Thank you!	1
I appreciate having access to the trails as I live nearby. As I said, bikes following the rules (slowing down) would make a huge difference and having hike only trails	1
I am in favor of ebikes having full access and I don't have one	1
I am a One Tam ambassador You should put out stands at trailheads with MMWD maps. E-bikes should be restricted to fire roads only and only used at grade 1	1
Horses are gone. Gibe bikes their trails. Open trails to bikes. Fire roads are steep and dangerous- not fun for bikes. Bikes want trails	1
hope	1



Hiking only trails or e bike only trails	1
help fix some of the uneven trails, dont allow e bikers to go too fast	1
Having been a lifelong nature lover and admirer of Marin, I am relieved that I am still able to enjoy the outdoors on my e-bike.	1
Have places to rest. Once I experience an accident and I couldn't find a safe place to rest.	1
Have lived here 30 years and hike and bike regularly. Have seen tremendous increase in use, especially last few years. Some regulations are needed to keep the watershed safe and enjoyable for all. Emphasis on shared use + courtesy!!	1
Happy that dogs are kept on leash	1
Great stuff	1
great mtn bike trails could leverage more of path with signage	1
Grateful that the watershed is here and open to the public!	1
Gorgeous area. Visiting from San Antonio TX. Very spoiled out here. Enjoy and glad to see protecting it for future use. Gr everyone	1
Get schools involved in trail maintenance and construction. Teach the kids good behavior and the adults will follow.	1
folks on the watershed work hard they need more funding for the trails	1
Focus on where to protect and where to make the trails the best trail experience imaginable. We need to be very effective with public access so we efficiently give people what they want so the natural resources can be protected.	1
fire danger. i'm very grateful for these lands	1
Extremely fortunate to have access to the watershed! Primary concern is the dry brush off the trails. I would be willing to volunteer for defensible fire clearing.	1
everything is good as it is	1
events including multiple user groups will help get the horse, bike & hikers groups together that said my experience reflects 99% good/great, friendly interactions it's mostly all good thank you!	1
Establish special blocks to keep cyclists off hiking only paths.	1
Establish directional trails in high use areas to reduce congestion.	1
enforcement of safe ebike riding.	1
Enforce speed limits for bikes. Open some more trails to bikes like Bolinas Ridge. E-bikes allow me to bike out here with my ADA concerns. There are bad e-bikers on the trail to Carson Falls/Oat Hill with loud music. Manage off-trail bike users. Some social trails are needed!! The social trail to the Cascade plunge is safer than the official trail.	1
Enforce e-bike restrictions Build trail from Bolinas Ridge to Kent Lake.	1
Enforce dogs on leash.	1
enforce bike speed.	1
Elsewhere in the country, these issues have been solved. Include all user groups. For example, in many places, bike organizations maintain the trails, and do a far better job than MMWD. Be inclusive, not restrictive. The status quo is bad for people, flora, and fauna.	1
Educate the public on trail safety/awareness. Get new e-bikers to understand what their bikes are capable of. There are too many e-bikers getting hurt and causing harm	1

E-bikes should be restricted to only certain main trails. They are often going dangerously fast and that is not in the spirit of a peaceful experience in the watershed.	1
E-bikes are okay on trails. I suggest anyone who wants to e-bike first go online to agree to rules. I do not think e-bikes are an issue. Not anymore than other bikes because they allow people to get outdoors.	1
E-bikes are not respecting others	1
E-bikes are important as Marin's population ages. It is the only way for older folks to enjoy the watershed.	1
e-bikes are fine. I don't like any of those trail management strategies.	1
E Bikes have great potential to improve/ allow access to nature for people who might otherwise be limited (e.g fitness), however some regulation (such as permits, certain approved trails, education, and outreach) seem important to reduce potential conflicts and educate new users on etiquette, safety, and stewardship	1
E bikes for people over 60. more trails, bull frog trail!	1
E bikes are dangerous to hikers and mountain bike community. They are (generally) not aware of others and are too fast when approaching and are not courteous. Don't understand why they are not ticketed as there are posted signs that they are not allowed?	1
E bikes are a nightmare because it gives amateurs access to all areas	1
e bikes are a nightmare because it gives amateur riders access to all areas	1
E bike MPH limit and I worry of high speed accidents, allow bikes on a couple single track trails. Thanks!	1
don't think we need any of the trail management strategies mentions above	1
dont restrict e bikes!	1
don't restrict e bikes on mt tam with an aging population. locally it's important to provide a venue for healthy exercise for older people. e bikes provide access to exercising that regular bikes may not. e bikes create no more impact on trails than regular mtb and far far less than horseback riding	1
don't change anything	1
Dog poop bags- need more trash cans.	1
Dog access is key. Good for humans and dogs	1
Do not establish a reservation parking system!!	1
Do not allow Class 2 or Class 3 e-bikes. Please make sure new multi-use trails protect against erosion. It makes the trails harder to hike.	1
Designate trail use by day of the week	1
Dedicated/directional trails would benefit all trail users.	1
Cyclists can help improve the watershed for all visitors and the environment by repairing trails. It doesn't cost the district anything.	1
Cyclists are a huge user group yet trails do not support bike access. We need more SAFE bike accessible trails.	1
Create multi-use trail connections to separate visitors in high use areas.	1
create more single track for bikes	1
create more legal bike trails	1
create more inclusive and diverse use for people to enjoy	1
Continue to allow people and dogs to enjoy	1

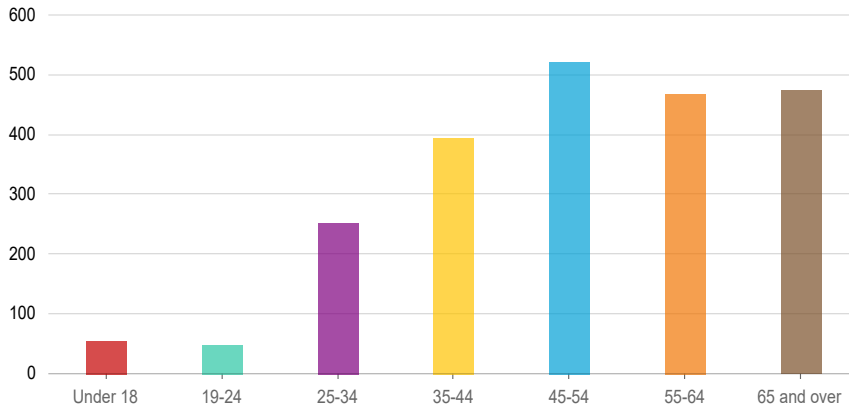
Consider allowing walk-ins after sunset. Stargazers don't hurt anyone! I come here at night. Allow e-bikes, like yesterday.	1
Concerned about the cutting away of too much habitat/animal cover. Concerned about how much fire clearing has been done and that preserving animal habitat has not been taken into consideration.	1
Broom removal as well as other invasive plants should be prioritized.	1
Bring back the full moon hikes and more interpretive hikes. Thank you!	1
Bikes go too fast sometimes (not all, but some bikes). When I hike alone there are many times bikes zoom past. I now stop walking and stand on the side of the trail. Thank you for caring for these amazing public spaces!	1
bikes are becoming your largest use group yet are disenfranchised by not allowing them on trails. Bikes are an untapped resource of volunteers, allowing them on trails will allow a new work force - they will take of the trail in return for access. Pulling of broom is included in trail work!	1
Bikes are a menace! Please ban them on at least a few trails to improve other visitors' experience.	1
Bikers, horses, hikers, runners only!!! No e-bikes!	1
Bikers should know that pedestrians have the right of way.	1
bikers are ruining (single track) hiking trails, creating ruts, destroying environment. I love non system trails on mmwd. thanks	1
Biker/trail user guidelines need more reinforcement (i.e. bikers can be intimidating to hikers and are especially scary when they run a descent). Teaching bikers to "call out" their preferred side of the trail can help reduce risk of accidents. Often left guessing and fearful. I don't want to limit use for bikers any more than they already are. But some education for both hikers/bikers to use trails safely is in order.	1
bike access w one way trails (alt days) eg Colorado	1
Better controls on mountain bikes.	1
Beautiful area. Ranking: 1 = Create multi-use trail connections to separate visitors in high use areas. 4 = all others.	1
Be more bike friendly. Allow e-bikes but not everywhere and with restrictions.	1
Basically happy with it currently but sick at getting yelled at from bikers	1
Ban e-bikes	1
At arturo tr people pull the post and place it the wrong direction	1
Anybody with an ebike can afford a permit	1
Amazing resource. Everything is positive keep up the good work, thanks!	1
Amazing place, thanks for taking care of it!	1
Allow night hikes up tam	1
Allow e bikes on CERTAIN trails	1
All trails are good. Slow down regular bikes- they are the problem	1
All is good. Railroad grade needs refining	1
All good! Don't change.	1
all bikes should have permits like China Camp	1
All awesome	1
against all trail management strategies	1

After Rock Spring fork, it doesn't tell which way to Rock Spring. We took the Benstein Spur Trail and that was wrong. Fix it, please. Indicate which way is Rock Spring.	1
about two years ago we saw cigarette butts on the trail right out at 6 pts to 5 corners - we called MMWD and got a nice guy's # - I forget his name and told him and we called back 3 times - very nice and appreciative that we called.	1
98% of the bikers are riding without consideration of hikers. They barrel down the entry path at an unsafe speed with no concern for hikers. I'd like to see more control regarding biking. It seems unsafe and incredibly dangerous with a lawsuit waiting to happen if someone gets seriously injured.	1
1 ranking = prioritize social trail closures and restoration activities to reduce the impacts of watershed visitors. 4 = all other initiatives.	1
+ require dogs on leash at all times +disallow dog walking service access to reduce poops and increase safety for mtb	1
- Post visitor courtesy.safety protocols- out of town visitors do not follow resident safety/courtesy - I wish ranger office staff was more informative about nature of area- plants, animals, etc. I've stopped lots of times to ask wildlife/botany questions that no one could answer. could be more visitor wildlife signage?	1
- Please clean up plastic on Bald Mt Trail - Control mountain bikers - they are dangerous.	1

Answered: 401 Skipped: 662

### MMWD Survey - Web App

Please enter your age group (only one)



Answers	Count	Percentage
Under 18	56	2.47%
19-24	49	2.16%
25-34	253	11.17%
35-44	395	17.45%
45-54	523	23.1%
55-64	469	20.72%
65 and over	475	20.98%

Answered: 2,220 Skipped: 44

What is your zip code?



Response	Count
94941	331
94960	246
94930	223

94901	185
94904	123
94903	104
94925	100
94939	77
94920	41
94957	38
94117	38
94965	35
94949	32
94947	27
94945	26
94122	26
94110	25
94114	24
94973	19
94115	18
94118	16
94131	14
94109	14
94121	13
94103	13
94116	11
94954	10
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94530	10
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94127	7
94107	7
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94933	6
94924	5



94706	5
94610	5
94609	5
94556	5
94123	5
94942	4
94937	4
94928	4
94708	4
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94931	3
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94591	3
94577	3
94546	3
94133	3
94108	3
94080	3
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94960	3
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94606	2
94605	2
94558	2
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94549	2
94523	2
94305	2
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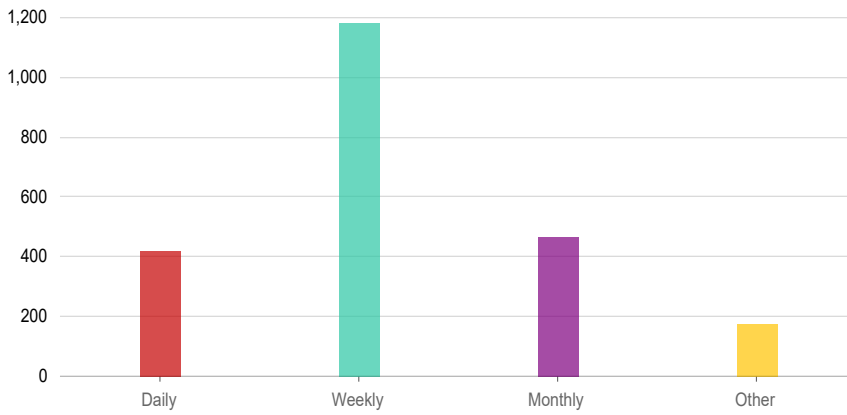
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94720	1
94706-1408	1
94704	1
94703-1003	1
94612	1
94607	1
94596 but grew up in 94903	1
94596	1
94590	1
94580	1
94578	1
94568	1
94563	1
94561	1
94560	1
94553	1
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94518	1
94509	1

94501	1
94401	1
9439	1
94306	1
94301	1
94153	1
94134	1
9412	1
94119	1
94118 and 94903	1
94103-4238	1
94085	1
94043	1
94040	1
94038	1
94028	1
94024	1
94022	1
94015	1
94002	1
94&30	1
92691	1
92612	1
9:960	1
9:903	1
84770	1
80803	1
06680	1
04920	1
@4960	1
94942	1
94903	1
94131	1

Answered: 2,198 Skipped: 66

**How frequently do you visit Mt. Tam?**



**Answers** **Count** **Percentage**

Answers	Count	Percentage
Daily	421	18.6%
Weekly	1,184	52.3%
Monthly	466	20.58%
Other	174	7.69%

Answered: 2,245 Skipped: 19

**Other**



**Response** **Count**

Response	Count
Quarterly	11
A few times a year	5
Yearly	2
twice weekly	2
Once a year	2
few times a year	2
4 times a year	2
3 times a week	2
3 days a week	2
~6 times a year	2



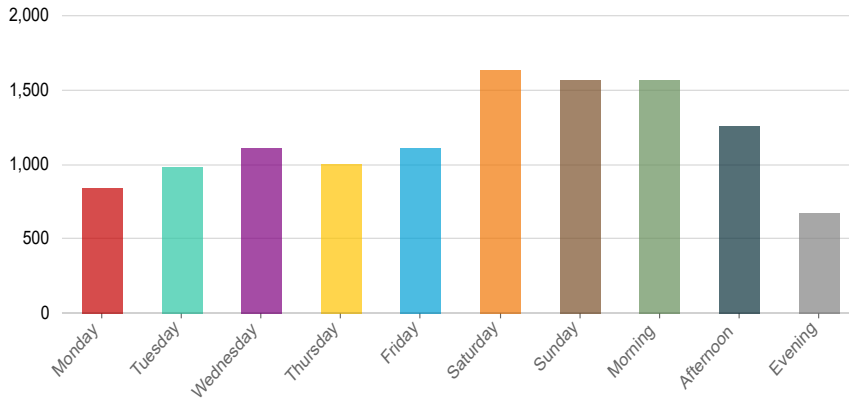
when I can	1
Was an inveterate visitor in my earlier ears - childhood through younger adulthood. Took a road bike up before Mt bikes. Accessed through Ross, Fairfax, or Kentfield. Would go more w my Mt Bike, schedule permitting.	1
Use to live in Tam Valley now we visit several times each year	1
Two or three times per week	1
Two or three times a year	1
Twice a year	1
twice a week	1
Three to six times a year	1
Three times a week	1
Some times if year, a few times per week. Average a few times per month over the year.	1
several times per year	1
several times per week	1
Several times a week	1
seldom	1
Rarely these days	1
rarely	1
Random schedule. Avoiding weekends.	1
probably not weekly, but more than once a month...sometimes weekly	1
Once every couple of months	1
once	1
Occasionally	1
Occasionally, I'm a State Park Volunteer at China Camp. Traffic prevents me from visiting Mt Tam more frequently. I was born in Mill Valley and miss what it used to be.	1
occasionally	1
Not sure where you consider the boarders of Mt Tam to end but I ride in the MMWD watershed weekly. San Anselmo / Fairfax	1
Not as often as I would like given the lack of safe multi-use trails.	1
My disability makes walking difficult and find that the nicest areas are not accessible	1
multiple times a week	1
maybe 6-8 times a year	1
Lake lagunitas watershed area mainly	1
infrequently now, in past years on a monthly or more basis	1
I live next to the Mt Tam watershed	1
Hike and previously volunteered with Mt. Tam Stat Park	1
Haven't gone yet	1

four or five times a year	1
Every other month	1
Every few months for hikes.	1
Every few months (without Covid)	1
every few months	1
Every 2 months on average	1
Biweekly	1
bi-annually	1
Bi monthly	1
at most once a year	1
As I feel like hiking, bike riding or on MCOSD naturalist walks.	1
about once/year	1
about four days per year	1
about every other day	1
a couple times a week	1
A couple of times a year	1
6x/year	1
6+ times a year	1
6 times per year	1
6 times a year	1
5-6 days a week	1
4x annually	1
4-10 times a year	1
4 or 5 days a week	1
3x week	1
3x a week	1
3-6 times a week	1
3-4x/year	1
3-4 times per week	1
3-4 per year since pandemic	1
3 x per year	1
2x per year	1
2X a week	1
2x a month	1
2-4 times a month	1

2-3 times a year	1
2 to 3 times per month	1
2 - 3 times per week	1
2 - 3 times a month	1
10-20 times a year and was born in Inverness	1
1 per year	1

Answered: 106 Skipped: 2158

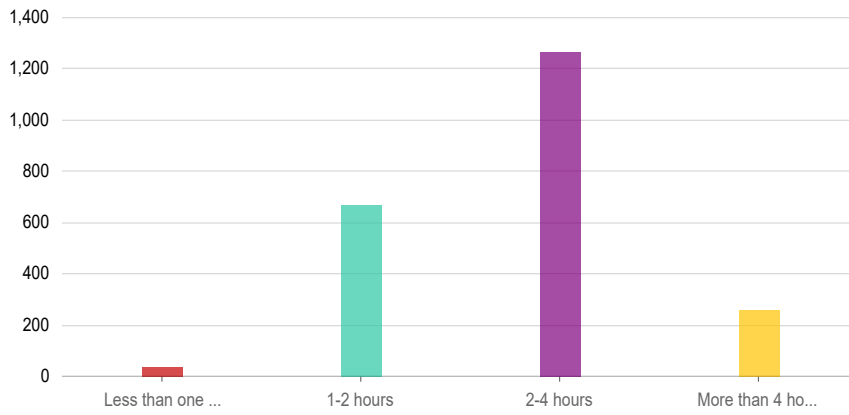
**When do you typically visit? (Check all that apply)**



Answers	Count	Percentage
Monday	846	37.37%
Tuesday	984	43.46%
Wednesday	1,114	49.2%
Thursday	1,007	44.48%
Friday	1,115	49.25%
Saturday	1,638	72.35%
Sunday	1,568	69.26%
Morning	1,570	69.35%
Afternoon	1,263	55.79%
Evening	679	29.99%

Answered: 2,230 Skipped: 34

**How long do you typically visit Mt. Tam at one time (not including travel time to the...**



Answers	Count	Percentage
Less than one hour	39	1.72%
1-2 hours	669	29.55%
2-4 hours	1,266	55.92%
More than 4 hours	261	11.53%

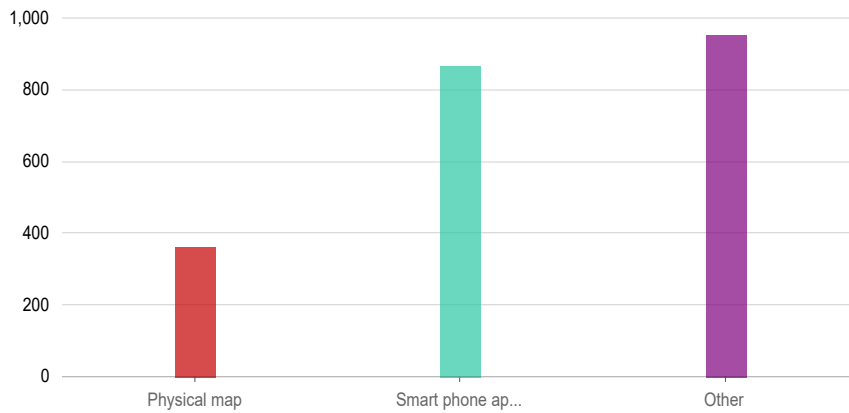
Answered: 2,235 Skipped: 29

**Destination**

**Enter**

**Exit**

**How do you navigate within the watershed?**



Answers	Count	Percentage
Physical map	363	16.03%
Smart phone app	868	38.34%
Other	955	42.18%

Answered: 2,186 Skipped: 78

**Other**



Trail Knowledge	2
Strava	2
Remember	2
Personal Knowledge	2
Past experience	2
no navigation	2
My memory	2
Mind	2
Knowledge of trails	2
Know it well	2
Just follow trails	2
I know the mountain	2
I know the area	2
I know my way	2
I know all the trails	2
husband	2
GPS computer	2
From memory	2
follow trail	2
Familiarity	2
by memory	2
Years of knowledge	1
Years of knowing trails from hiking and riding	1
Years of experience	1
working mental knowledge of the trails	1
Word of mouth	1
with friends who know the area	1
wing it	1
wife's suggestion	1
We're usually on paths we already know. If not, I consult a PDF map beforehand, or use my smartphone map.	1
We used to use paper maps, now we know the mountain very well	1
We know most roads and trails	1
we know it	1
We just know most of the trails.	1
wander	1



Wahoo GPS Bike Computer and Strava	1
Wahoo computer	1
Visually	1
Very familiar with the trails	1
Very familiar with the mountain	1
Very familiar with the area	1
Verbal directions	1
Usually use the existing trails are very familiar with them	1
Using my knowledge of the watershed	1
use nothing	1
Trails we know	1
trails i know or explore	1
Trailhead signs	1
Trailforks & memory	1
Trail signage	1
Trail markings	1
Trail map	1
Trail knowledge or GPS	1
Trail Forks	1
Trail book	1
Trail around lake	1
Trail	1
the trails are all familiar to me now, I don't bring a map and typically don't check smart phone app	1
The sun	1
Spur of the moment	1
Signs on trails	1
signs at the watershed and google maps	1
Signs and I know all the trails and fireroads in almost all of the watershed	1
Signs	1
senses	1
Sense of direction , exploration	1
Self Guided	1
Self	1
screenshots	1
Satellite	1

Riding with friends who know their way around.	1
Riding bikes	1
ride my bike, no maps at this point...	1
remember trails	1
remember the roads	1
Raised here.	1
previous knowledge	1
Pre written down directions	1
Posted Trail signs.	1
physical map and smartphone app	1
PHysical map and knowledgeable friends	1
Personal knowledge of the area.	1
personal knowledge of area	1
Personal knowledge as a 30+ year watershed user	1
Personal knowledge and experience	1
PDF of mmwd map online or google maps	1
Past knowledge. Have been biking in Mt. Tam watershed for over 30 years.	1
Past knowledge and sometimes a smart phone app	1
past knowledge	1
Past experience, signs, occasionally a map	1
Paper map in the early days, now by memory	1
Own knowledge. Online maos	1
online map	1
online	1
None, I know the trails well enough to not need navigational aids.	1
no need for maps	1
no need for a map	1
no map; I'm from here	1
No Map needed	1
No map needed	1
No map	1
n/a	1
My mind	1
My memory of trails	1
My knowledge on bike or a map for big hikes	1

My hiking group has been hiking for so many years the trails are known. We usually park and meet at Pan T oll, Rock Springs, or at the Lakes.	1
My heart	1
My Brian	1
My brain/memory... and sometimes google maps	1
Memory/trail signs	1
memory/ common sense	1
Memory....been here since 1990	1
Memory. I've been mountain biking here for 32 years!	1
memory, knowledge of area ( grew up biking here)	1
memory, experience	1
Memory of the trails	1
memory and trail signs	1
Memory and my compass if needed	1
Memory and knowledge of the trails obtained from longtime use of paper maps	1
memory and familiarization	1
Memory and experience...I walk or ride a horse...	1
Memorized trail/fire roads	1
Memorized the trails years ago	1
Memorized most of the roads and trails from maps and experience. Use sun and streams.	1
Memoery	1
MCBC map is best but would like better mobile app to provide clearer more accessible navigation	1
Marin Bike Map, Google,	1
Map in my head	1
Map	1
look at maps in trails	1
Long experience	1
Local resident	1
local knowledge//garmin	1
Local knowledge. I grew up here	1
Local knowledge and ask other hikers	1
local	1
Lived in Marin and hiked/biked on Mt. Tam for many years, so I know most of the trails.	1
Lived in Fairfax my entire life	1
Lived here over 30 years	1
Lived here my whole life	1

lived here my entire life and know the trails	1
Line of sight	1
Lifetime of trail knowledge	1
Learned trails over the years	1
Learned trails long ago	1
Learned knowledge	1
Knowledge/ Wayfinding signs	1
Knowledge, friends	1
Knowledge of years playing on the trails	1
knowledge of trails/experience/memories	1
knowledge of trails and fire roads	1
Knowledge of trail network	1
Knowledge of the watershed, and hike with others who know the watershed.	1
knowledge of the trails.	1
Knowledge of the the Mountain Trails over 30 plus years of recreation.	1
Knowledge of area	1
knowledge from running	1
knowledge from past experience	1
Knowledge from 40 years here	1
Knowledge familiarity and signs	1
Knowing the trails and have been using them for 25+ years	1
Knowing the network of trails	1
Knowing	1
Know trails without map	1
Know thw trails. And fyi...your maps above are not loading	1
know the trails already	1
know the routes	1
know the area without maps	1
Know it well enough by now, no maps needed	1
Know it from heart	1
know it by heart now	1
know it by heart	1
Know it	1
Know area don't need map, if do just a PDF of waterdistrict	1
Know area by heart	1

know all trails by now	1
Know all trails	1
just wander and stay on trails.	1
just looking around	1
Just know the watershed	1
Just know the trails. At times use a map if I want to express some other trails.	1
Just know the trails	1
just know it	1
just know all the trails from hiking and mountainbiking over a decade	1
just do it	1
ive ridden it so much I know it by haeart	1
I've come to learn or I get lost	1
I've been on the mountain these past 59 years....I know my way around.	1
I've been on the mountain for 35 years. I know it from memory.	1
It's my regular loop	1
iPad then memory	1
Intuition, maybe smart phone, sometimes mcbc map	1
intuition	1
Internal navigation system	1
Innate knowledge of trails	1
If you cant find something on tam with your phone or map, I can just tell you where it is and how to get there from here	1
I've lived here my whole life so I know the trails!	1
I've learned it enough that all the trails are in my head	1
I've just lived here since I was 0	1
I've been exploring the watershed for 40+ years, don't need a map!	1
I'm often with other people but I get to a trail using google maps then can navigate on memory	1
I'm familiar with the area.	1
I was born here, as were my family, prior to 1900. We just know the area.	1
I try my best to get lost but I keep finding myself.	1
i started with a map but have been visiting for 40 years, I no longer need a map	1
I map out prior to going if new and repeat favorites	1
I lived in the area, so I'm familiar with it without a map.	1
I know where I'm going	1
I know where I am going	1
i know where i am	1

I know various hikes	1
I know this watershed inside and out	1
I know the watershed.	1
I know the trails.	1
I know the trails, no need for map or anything else	1
I know the trails, don't use either.	1
I know the trails!	1
I know the trails well, from exploring and looking at the MMWD and One Tam maps online.	1
I know the trails well enough I don't need the MCBC map	1
I know the trails pretty well	1
I know the trails I lje	1
I know the trails from years of using them	1
I know the trails from 30 years of hiking them	1
I know the trails and fire roads well	1
I know the trails and area well	1
I know the trails already	1
I know the route around the lake, also lake lagunitas	1
I know the roads and trails from past use	1
I know the park well.	1
I know the mtn well and don't need navigation	1
I know the mountain well already	1
I know the mountain very well. I have been going on Mt. Tam for 55 years.	1
I know the main trails	1
I know the local trails	1
I know the area well and no longer need a map.	1
I know the area well and don't use any navigation aids.	1
I know the area well	1
I know the area very well, been here most of my life	1
I know the area by sight.	1
I know the area - don't need navigation	1
I know Tam very well . Don't need a map	1
I know my way around.	1
I know my way around, and don't typically use a map	1
I know my way around from many years hiking and biking.	1
I know most of the access points and trails. Used a physical map in the past.	1



I know most of it by heart.	1
I know it well enough now.	1
I know it well	1
I know it pretty well to use no map but have an app for back up	1
I know it like the back of my hand.	1
I know it for most part, if not a map	1
I know every trail, no need for maps	1
I know every trail by heart	1
I know every trail because I've been hiking there for forty years	1
I know all the trails by memory	1
I know all the trails at this point!	1
I know all the trails already	1
I know all of the trails, I've lived here all my life	1
I know a few trails	1
I just know the trails really well from riding on them for so long.	1
i just know the trails already	1
I just know my way around generally.	1
I just know my way	1
I just know it. Grew up here	1
I just know it	1
I just follow the road	1
I hike with a hiking club and follow the group	1
I have downloaded maps on my computer, but by now I know all the trails by heart.	1
I have been riding for years. Sometimes I look at a digital map to plan my route.	1
I have been hiking, running and mountain biking on the mountain for over 40 years....Don't need an app or physical map :)	1
I have been exploring mnt tam since i was a child in the mid- 70's so dont really need a map	1
I grew up in San Anselmo and now live in Fairfax so I know the roads and trails that I ride and hike on.	1
I grew up here I know all the trails	1
i follow trails	1
I don't usually navigate I have my buddies nav for me	1
I don't use anything. Know the area.	1
I do not need a map. I know all the trails.	1
I do a loop MTN bike ride	1
I am very familiar with the watershed trails	1
I am familiar with trails	1

I am familiar enough with the area to navigate without map.	1
HS Riding Team	1
Hiking with group and physical maps	1
Hiking signs	1
have been there so much I know most of it by heart	1
Have been a resident a long time so pretty good mental map, in the past used both physical and digital maps	1
Hammerhead Karoo 2 bike computer	1
Hammerhead	1
Habit no map	1
Grew up in Marin I do not need a map	1
Grew up here; know the trails by heart for the most part	1
Grew up here so know the trails well	1
Grew up here so know the mountain	1
Grew up here	1
GPS, the sun	1
GPS Unit	1
gps bike	1
google maps on laptop preplan trip	1
google maps	1
google it and then go	1
General knowledge of trails.	1
General knowledge of area	1
Garmin or Strava	1
Garmin GPS if necessary	1
Garmin - bike or watch unit	1
from my head	1
From memory. Have been on the mountain since 1947	1
from memory including landmarks	1
Friends/memory	1
Friends, family	1
Friends knowledge of trails	1
Friends	1
friend	1
frequent enough visitor that know every trail	1
Follow trails	1

follow my nose	1
finding trails online	1
Familiarity with trail system	1
familiarity with the area. Will usually check a map before a visit but not usually during a visit	1
Familiarity with area	1
Familiar with trails	1
Familiar with routes	1
Familiar with area	1
Exportations	1
Explore	1
Expertise	1
Experiential knowledge	1
Experience.	1
experience from a lifetime of biking and hiking	1
Experience - lived here most of my life	1
Enter old railroad at blithdale then do a number of different routes that we've figured out over the years. Originally shown by a friend who grew up near Ross.	1
downloaded pdf map	1
don't use	1
don't need map	1
Don't need it	1
Don't need a map	1
Decades' long knowledge of the area.	1
dead reckoning	1
Compass	1
common sense	1
combination phone, map, sun, gps	1
Combination of the Marin Bicycle Coalition map (to see what trails are bike legal) + preplanning a route on the RideWithGPS app. That said: I've done this enough times that I pretty much know what I need to know and can go out without consulting a map.	1
Combination of map photos + Google maps	1
by memory/feel/flow	1
by memory or by guide	1
by memory or by gps bike computer	1
By memory or by example	1
By memory and signposts	1
Brain.	1

brain :)	1
Both: Physical map when hiking; Strava smart phone app when biking	1
Both	1
bike gps and a map	1
Bike Computer, mix of pre-planned routes and knowing the area	1
Bike computer, and memory	1
Bike	1
Bicycle Computer	1
Been there enough to know my way around	1
Been riding these trails for 30 years- Memory	1
Been riding since the 80s I know the area	1
Been hiking for 45 years	1
been going for 20 years	1
Based off memory	1
Barry Spitz + old maps	1
Back of my hand. Decades of exploring	1
At this point, I know the road and trail system and don't use any navigational aids.	1
App but mostly years of mapping the trails in my head running and hiking thru the watershed	1
Already know trails	1
Already know the area	1
Already know my way around...	1
all trails	1
After many years of riding the trails i know them quite well	1
After 60 years I know the watershed	1
Accumulated knowledge from 25 years	1
Accumulated knowledge	1
57 yrs on the hill riding horse and walking	1
40 years of experience and knowledge of the area	1
40 years of experience	1
30 years of hiking/biking, I know where I'm going	1
30 years of experience	1
25+ years prior experience. I used to use a paper map.	1
25 years of local knowledge of the trails.	1
24 years of riding bikes on trails = memory.	1
20 years of knowledge	1

Answered: 672 Skipped: 1592



Wahoo	2
trailforks, mtb project	2
Strava, AllTrails	2
Strava, all trails	2
Strava or Google Maps	2
Strava or AllTrails	2
googlemaps	2
Gia	2
GaiaGPS	2
AllTrails, Strava	2
All Trails, Strava	2
Workoutdoors	1
waze	1
Wahoo Fitness	1
Various	1
US Topo Maps	1
US Topo map	1
Training Peaks	1
Trails	1
Trailforks/Strava	1
Trailforks, Strava	1
Trailforks, MTB Project, Alltrails	1
Trailforks, Google Maps	1
Trailforks, Google	1
Trailforks, alltrails, Google maps	1
Trailforks, AllTrails	1
trailforks, all trails	1
Trailforks, Google	1
trailforks or google maps	1
Trailforks and Strava	1
Trailforks and AllTrails	1
TrailFork or MTBProject I use others too	1
TrailFork	1
Trail Forks, Strava	1
trail forks, komoot	1



Trail Forks and Strava	1
Trail Forks and google maps, also I follow my friends who know where they are going!	1
The one that comes with the phone; or one that has biking trails	1
terra map	1
strava	1
Strava; Hoogle Maps	1
Strava/Garmin Device	1
Strava/all trails/trail forks	1
Strava, Trails	1
Strava, TrailForks, or Wahoo bike computer	1
Strava, Trailforks, mtb project	1
Strava, Trailforks, AllTrails, My Brain	1
Strava, Trailforks, All Trails	1
Strava, trail works	1
Strava, Trail Forks	1
Strava, Ridewith GPS	1
strava, on x backcountry	1
Strava, map my ride	1
Strava, Google maps, ride with gps	1
Strava, google maps, REI hiking project	1
STRAVA, Google Maps (if needed)	1
Strava, Garmin, Google maps (also physical maps)	1
Strava, Garmin, all trails, gmap	1
Strava, Garmin	1
Strava, Gaia GPS	1
strava, all trails, gaia	1
strava or trailforks or alltrails	1
Strava or The Trail Run Project	1
Strava or Googlemaps	1
Strava or Garmin	1
Strava or Gaia GPS	1
Strava maps	1
strava heatmap or google maps	1
Strava but I know where to go from past experience	1
Strava and trail forks	1

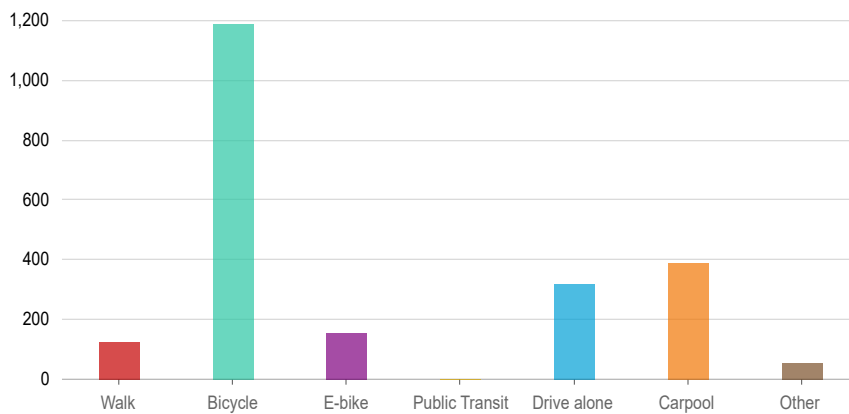
Strava and REI MTB	1
Strava and Google Maps	1
strava and garmen	1
Strava and AllTrails	1
Strava alltrails	1
Strava All Trails	1
Strava & TrailForks	1
strava - trail forks	1
stava, all trails	1
Stava	1
RwGPS	1
Ride with gps, Strava, all trails	1
ride gps	1
Relive, ETube Ride, apple fitness	1
QField (GIS using MarinMaps data)	1
pocket earth	1
osmand+	1
OSM	1
Openstreetmap	1
Numerous	1
Mtn bike project. All trails	1
MTBProject, Trailforks, GuruMaps, Strava	1
MTB project or Google	1
MTB Project and AllTrails	1
MTB Project	1
Map My Tracks	1
Map app	1
Komoot, Avenza, Maplets	1
Komoot	1
kommot and strava	1
iphone 12	1
lphond	1
Hiking Project	1
googlemaps, alltrails, strava, garmin	1
Google or trailforks	1

Google maps, trailforks	1
Google maps, trail forks, trail run project	1
Google maps, ride with gps	1
Google Maps, Photo Image Of Map	1
Google Maps, Komoot	1
Google Maps, GaiaGPS, Ridewithgps	1
Google maps, gaia	1
google maps, avenza	1
Google maps, all trails, mapmyrun	1
Google Maps, All Trails, Hiking Project, MTB Project	1
Google maps, all trails	1
Google Maps with offline maps	1
Google Maps or Trailforks	1
Google maps or strava	1
Google maps or mountain bike map	1
Google Maps or Gaia GPS, but rarely need it because I know the area well	1
google maps or gaia	1
Google maps and MTB project	1
Google map, Trails	1
Google Map	1
googe maps	1
giggle maps	1
Gais	1
Gaia, Google Maps, Trailforks	1
gaia, garmin	1
Gaia, Fatmap, Avenza	1
Gaia, Avenza	1
Gaia, AllTrails	1
Gaia GPS, Strava, Trailforks	1
Gaia GPS, Google Maps	1
Gaia GPS / Ride With GPS	1
Gaia gos	1
Gaia and/or Caltopo	1
footpaths	1
Element Bolt	1

Cycling ones	1
Caltopo and Trailforks	1
Cal Topo	1
BLEvo, CalTopo	1
Apple Maps, Strava, AllTrails	1
Apple maps, google maps..	1
Apple iPhone	1
Android Pixel	1
Alltrails, Strava, Gaia	1
AllTrails, MTB Project	1
Alltrails, MTB and hiking project	1
AllTrails or Google Maps	1
Alltrail	1
all trials	1
All Trails.	1
all trails, strava, google maps	1
All trails, mtb project, trail forks	1
All Trails, Google Maps. Also photos of maps at trailheads.	1
All Trails, Gaia, strava	1
All trails or Specialized	1
All Trails or Google Maps	1
All trails and strava	1
All Trails & Trail Forks	1
4155333346	1

Answered: 770 Skipped: 1494

**How do you typically arrive at the District?**



Answers	Count	Percentage
Walk	124	5.48%
Bicycle	1,189	52.52%
E-bike	154	6.8%
Public Transit	3	0.13%
Drive alone	320	14.13%
Carpool	389	17.18%
Other	56	2.47%

Answered: 2,235 Skipped: 29

Other



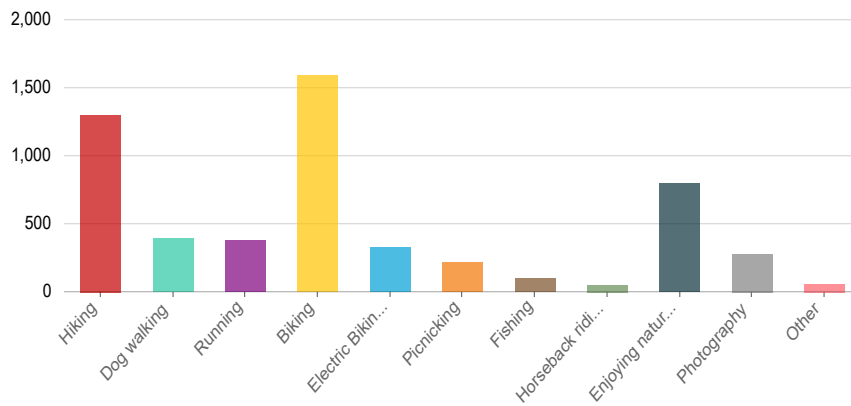
Response	Count
run	5
Horseback	2
Horse	2
with one or two others	1
we bike there from the city, drive together, or alone depending on the day.	1
Walk, run, bike	1
Walk, car, bicycle	1
Walk, bike, drive, carpool	1
Walk, Bike and eBike	1
Walk, Bike and Car	1
walk and drive	1
Walk and bicycle	1
Usually drive or bike	1
This question should allow more than one way to arrive. I walk, bike and drive	1
Running, mountain Bike	1

Running	1
run, bike and walk	1
Run, bicycle, drive	1
Run!	1
Mountain Bike	1
Mix of walk and bike and drive	1
I walk AND e-bike	1
I typically start at my house and run or bike into the watershed.	1
I bike and drive and walk	1
Horse trailer	1
Horse-	1
Half the time driving, half the time biking in.	1
family trip driving	1
drove with my wife	1
drive with wife	1
Drive with partner	1
drive with partially disabled wife	1
Drive with friend	1
Drive with family member.	1
Drive w partner	1
drive to entrance with others	1
Drive private vehicle.	1
Carpool about 50% of time. Other 50% drive by myself.	1
car or e-bike	1
Car	1
Bike sometimes; hike sometimes	1
bike or drive. depending on what type of ride i feel. occasionally ferry	1
Bike or car depends on the time of day and activity	1
Bike or Car	1
aMTB (adaptive mountain bike, electric)	1

Answered: 51 Skipped: 2213

**What best describes your primary activities on Mt. Tam? (Check all that apply)**





**Answers** **Count** **Percentage**

Answers	Count	Percentage
Hiking	1,304	57.6%
Dog walking	397	17.54%
Running	379	16.74%
Biking	1,596	70.49%
Electric Biking	330	14.58%
Picnicking	217	9.58%
Fishing	100	4.42%
Horseback riding	52	2.3%
Enjoying nature	799	35.29%
Photography	281	12.41%
Other	62	2.74%

Answered: 2,241 Skipped: 23

**Other**



**Response** **Count**

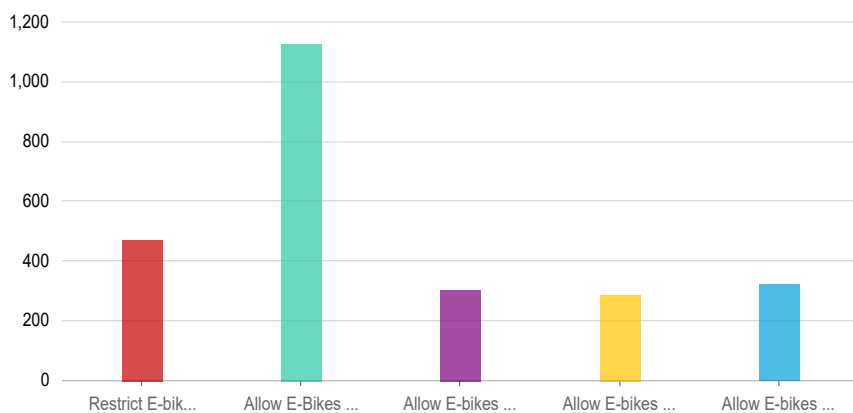
Camping	3
birding	3
Bird watching	3

Wildlife viewing	1
west point inn guests	1
Watching paragliding & hang gliding	1
Walking slowly on trails	1
walking	1
Volunteering	1
Volunteer work	1
various	1
To explore and record with iNaturalist. Bringing children to play and explore.	1
Studying and observing habitat, forest health, seasons. Meditate and find silence	1
Socializing with my hiking buddies.	1
sketching	1
Seeing what Amateur Radio repeaters in northern CA can be reached.	1
Rock climbing (bouldering)	1
Plein air painting	1
Occasional volunteering with the water district pulling French broom	1
nature feeds me and we have it in spades on the watershed	1
Mountain Theatre	1
MMWD Frog & Turtle Docent, OneTam Tam Van Ambassador, MMWD Habitat/Trail Crew Volunteer	1
meditation- try to not get hit by bikers- find quiet space	1
Meditation	1
meditating	1
MCOSD nature walks	1
Learning about native plants and other life. I try to make every trip educational for me and my family. Wish there were more signs for plants and animals, adults like/need it too! :)	1
I'm a long time wildlife research volunteer for various agencies and do permitted camera-trapping in the watershed, etc	1
I mostly mnt bike but also hike and picnic with family. Wife and kids ride horses.	1
hiking and cycling	1
forest school	1
Field trips with classes, workouts with XC team	1
Family outings	1
exploring	1
Drawing & painting	1
Doing volunteer work - broom removal, litter abatement	1
camping (bikepacking)	1

Bringing kids into Nature	1
Botanizing, bird watching, tracking	1
Birding (While Biking)	1
Bird watching, Indigenous flower hunting (Of course not to pick them), Broom and milkthistle pulling	1
bird and wildlife watching	1
Being with friends.	1
Astronomy	1
aMTB (adaptive mountain bike)	1

Answered: 51 Skipped: 2213

**Which of the following strategies do you support regarding Class 1 E-Bikes on the watershed?**



Answers	Count	Percentage
Restrict E-bikes from accessing the watershed	472	20.85%
Allow E-Bikes on the watershed	1,128	49.82%
Allow E-bikes on the watershed with a permit	306	13.52%
Allow E-bikes on the watershed with a paid permit	288	12.72%
Allow E-bikes for ADA uses only	324	14.31%

Answered: 2,186 Skipped: 78

**Other**

There are no answers to this question yet.

**In general, do you feel safe visiting Mt. Tam?**



Too much traffic. Particularly near Alpine Dam. Very unsafe for bikes. Need to restrict parking up there. Cars fill the road in that area. Plus they are turning around, parking, passing riders on blind turns, etc. Very unsafe.	1
Too many users not following the safety rules in place. Bikes speeding and not respecting 5 mph passing rule, dogs off leash. Bikes riding trails illegally, not respecting other users. Ebikes- speeding and not understanding safety rules	1
Too many e bikes with little to no enforcement of speed limits or trail enforcement. I've run into too many bikes both conventional and e bikes going too fast as well as on single track trails. There are too many large groups of mountain biking teams or "camps" that have little regard for speed limits, staying to one side, passing other folks either on foot or horseback safely. Beginning to feel out of control like back in the 80's and there seems to be no rangers out ever!	1
Theft wildlife illegal activity and as a woman I never feel safe on any trails	1
Speeding bicycles. Illegal bike riding on single track trails.	1
Narrow bike lanes	1
Mt. Bikers and E bikers have many scofflaws that don't care about anyone's safety or experience. They run over berms on every steep road, cut eyebrows, degrade and expose soils to erosion. They yell, talk loud, disturb and run over wildlife. Slow and say hello doesn't work because I don't recreate on MMWD lands to be with or socially exchange with other humans. If I don't respond to their overt gesture of friendliness while yelling at me in Owl habitat, they often cuss at me. It's phony baloney.	1
Illegal speeding bicycles, loose dogs	1
illegal biking- fast bike speeds- increased fire danger and lack of any ranger presence- people smoking- off leash dogs- packs of bikes	1
Illegal bike use of single track trails, and the Hogback. Speeding bikes in excess of 15mph on permitted fire roads, single track trails, and the Hogback.	1
I ride horses on the watershed and many e-bikers are respectful but some are ripping through there recklessly. I find it difficult not to be worried when I am hiking/horseback riding there. Thank you for conducting this survey 😊	1
I have ridden on Tam for over 30 years. Recently I was run off the road and into a ditch by two e-bikers riding side by side while I was heading down Eldridge Grade. There have been other incidents with e-bikers. I see absolutely zero enforcement of the most basic rules on Tam. To allow yet more and obviously less experienced riders on Tam will only make matters worse. I feel safer riding my road bike on the road.	1
I feel threatened by hikers as a mountain bike riding. I have been yelled out and frequently receive bad looks or are chased by dogs off leash illegally.	1
I am usually mounted on my horse and feel I need to ride very defensively because of the speed of bikes around me. Many cyclists have no idea that they are supposed to yield to horses. Most don't check their speed when approaching. With the addition of e-bikes, speeds are even faster now AND I'm finding that most of those riding the e-bikes actually are not experienced riders -- so they're riding at higher speeds on trails that they typically would not be on if on a push bike. I have seen a lot of crashes by e-bikers unable to make turns.	1
I am safe on roads on a NON electric assist bike; I do not feel safe on trails shared with mountain bikes or e-bikes. Trails should be marked for pedestrians only.	1
I am concerned about horses which seem to be largely not very under control by their handlers. I've heard that it takes a very very expensive horse to be ok being on a mountain like Mt. Tam where there are other users, and I don't trust that all equestrians can make that investment.	1
Hikers yelling at me on my bike	1
Hikers and equestrians make me feel very uncomfortable weather I am on my bike or on foot (fishing)	1

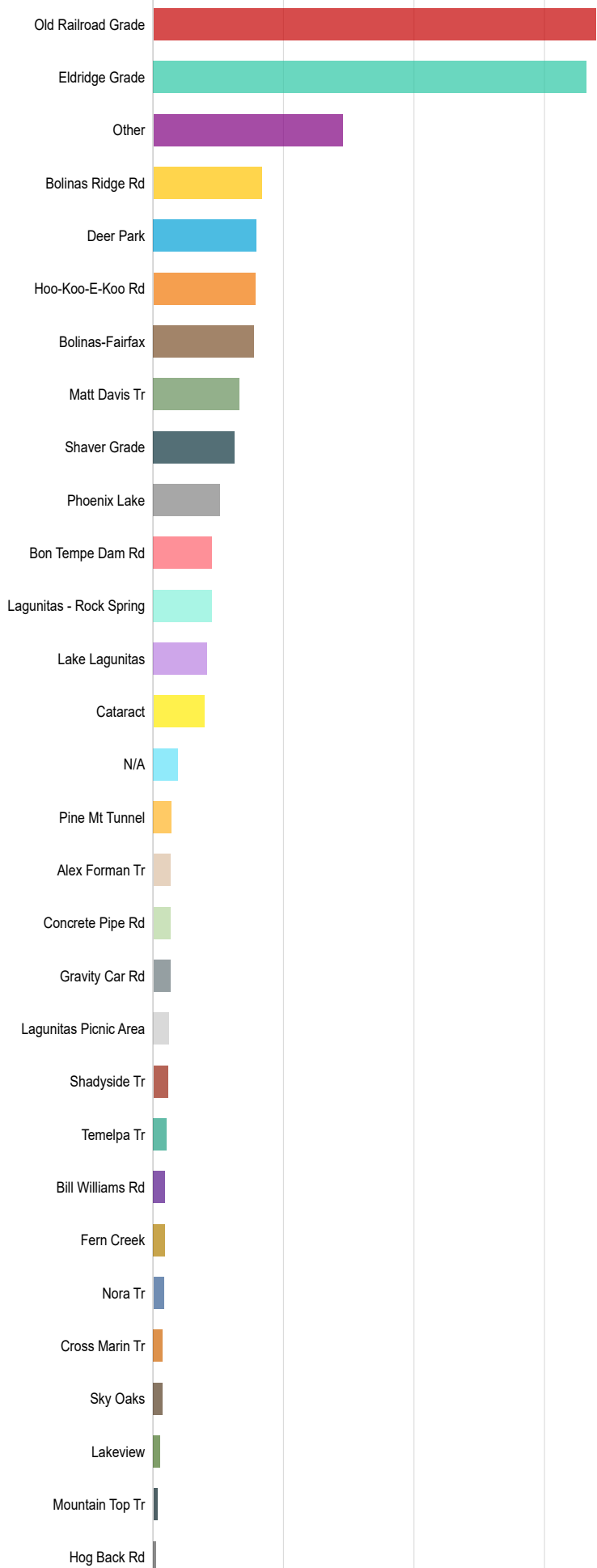
Hiker and horse-rider vitriol and attitude about reasonable use. Disgusting amount of horse crap left on trails by inconsiderate riders	1
High speed bike riders especially on the down hill roads. Rude and aggressive mountain bike riders. Mountain bike riders that do not slow or stop for pedestrians.	1
Generally cars are the highest danger when in the roads getting into the park	1
Fast moving bicyclists that are not yielding or even slowing	1
Ebikes going too fast up hill; passing slower pedal bikes on blind corners cause they are faster and seem impatient. riding on the wrong side of the trail up hill at speed, so there is less reaction time for both riders when someone is coming down hill.	1
Ebikes going at very high speed	1
E-Bikes	1
Drivers going too fast on roads where I ride my bike do not make me feel safe! There should be bike lanes to access the open spaces and if that is not feasible, dedicate entire paved or unpaved roads to cyclists who access open space. Also I feel unsafe when hikers have aggressive attitudes against me and my friends while we are riding bikes. I have heard stories of aggressive hikers trying to push bikers off the trail and that would cause serious injury.	1
Dogs off leash. Speeding bicycles.	1
dogs off leash, mountain bikes speeding, mountain bikes on single track trails. effects of all these activities on wildlife	1
dogs attacking me. dogs are always off leash. "Voice control" means the owners have no training and scream at the dogs. Please get rid of the signs that citations will be issued for dogs off leash. The signs are litter. No citations are ever issued. I have never encountered a ranger in 30 years in Marin.	1
crazy entitled bicyclists that do not understand horses	1
Cars, motored vehicles.	1
Cars	1
Car speed on paved roads and occasionally cross the center meridian.	1
Car break-ins, hiking alone as a woman, etc	1
Bikes speeding and on illegal trails	1
Bikes riding recklessly on the trails	1
Bikes on narrow trails present a hazard to hikers.	1
Bikers.	1
bikers, getting hit by one.	1
Bikers riding illegally on hillsides or single tracks and without care for the mountain or wildlife or other hikers; using public land as their own private playground. Bikers riding so fast even uphill. Ditto entitled dog owners who leave bags of crap on the ground or who have their dogs off leash in sensitive areas or not under voice control. Yelling the dogs name over and over after they've jammed their nose into your crotch is not voice control.	1
Bikers are always an issue—I feel like I will get run over if I don't watch over my shoulder. Also off leash dogs are very distressing and unpredictable. Most owners ignore signs and disrespect the park. More regulation and enforcement of dogs and bikes is needed.	1
bike traffic	1
Bicycles, ebikes, and joggers with headphones spook horses and are not paying attention to their surroundings, and/or are not courteous to equestrians. They often create unsafe situations.	1



bicycles on their downhill runs who have no regard for any other user, usually with earbuds and unable to hear anything or to stop. There is not 1 road or trail that isn't covered with bike tracks, to meet one on a single track trail while riding my horse is frightening. They either leave the trail and scream through the underbrush or skid to a stop spraying rocks at us. Either action can cause horses to jump and run, or spin. I don't pose any threat to the bikes but they don't care what danger they cause for me. It is one sided. There has never been any on the chaos on the hill until the bikes began racing the trails and roads.	1
Being surprised/jolted by bikes in trails too narrow for both our presence. Harmful to my nervous system of a senior citizen - traumatizing - when I am in a meditative nature based state.	1
Angry hikers.	1
angry hikers	1
ALL Bicycles go way to fast; some do not have a bell warning you that they are approaching; some don't say they are approaching. We are older with our hearing not as good as it used to be and we don't hear them or the bell and they are going way too fast for our reflexes to move out of their way. We also bring our young grandchildren who are running ahead of us. We remind them to get to the side but if they don't hear or see a bicyclist they could get run into and injured!	1
Aggressive/violent hikers who are against mtb even on legal (i've been attacked multiple times on fire roads)	1
Aggressive and lawless bikers looking for a fight	1
- concerns about off leash dogs - some bikes going too fast on small trails	1

Answered: 58 Skipped: 2206

**What is your favorite or most frequented trail route?**



Answers	Count	Percentage
Old Railroad Grade	339	14.97%
Eldridge Grade	332	14.66%
Other	145	6.4%
Bolinas Ridge Rd	83	3.67%
Deer Park Rd	79	3.49%
Hoo-Koo-E-Koo Rd	78	3.45%
Bolinas-Fairfax Rd	77	3.4%
Matt Davis Tr	66	2.92%
Shaver Grade	62	2.74%
Phoenix Lake Rd	51	2.25%
Bon Tempe Dam Rd	45	1.99%
Lagunitas - Rock Spring Rd	45	1.99%
Lake Lagunitas Rd	41	1.81%
Cataract Tr	39	1.72%
N/A	19	0.84%
Pine Mt Tunnel Rd	14	0.62%
Alex Forman Tr	13	0.57%
Concrete Pipe Rd	13	0.57%
Gravity Car Rd	13	0.57%
Lagunitas Picnic Area	12	0.53%
Shadyside Tr	11	0.49%
Temelpa Tr	10	0.44%
Bill Williams Rd	9	0.4%
Fern Creek Tr	9	0.4%
Nora Tr	8	0.35%
Cross Marin Tr	7	0.31%
Sky Oaks Rd	7	0.31%
Lakeview Rd	5	0.22%
Mountain Top Tr	3	0.13%
Hog Back Rd	2	0.09%
Dibblee Rd	0	0%
Mt Tam Estates Rd	0	0%
Plank Walk Tr	0	0%

Answered: 1,638 Skipped: 626



Steep Ravine to Dipsea Trail loop	1
So many: Yolanda, hoo koo e koo, steep ravine, coastal, Matt Davis, etc. I run for 2 plus hours and cover many trails each time	1
shaver grade, bon tempe	1
shaver grade to lakes	1
San Geronimo Ridge Road, Pine Mt Fire Road	1
San Geronimo Ridge Fire Road	1
Rocky Ridge trail	1
railroad grade, eldridge, rocksprings	1
Potrero Meadows from any trail.....	1
pine mt fire road	1
Pine mountain	1
pilot knob, mt baldy	1
phonix lake,eldridge,lake view, bull frog, concrete pipeline, shaver	1
phoenix lake	1
pantoll to tam summit	1
Other biking singletrack	1
Old Vee Fire Road	1
Northside, International, Cross Country, Kent, Yolanda, Six Points, Colier Springs, Azalea Hill	1
Mountain top/Burstein trail	1
Marin Stables has only 1 roads onto the trails, Shaver Grade which we have to follow to either Redwood or 5 corners.	1
Many favorites!!!	1
Madrone, pumpkin ridge, Taylor	1
Madrone or Six Points Trail	1
Loc shit	1
Leo Cronin Viewing Area	1
Laurel Dell	1
Kent and surrounding areas	1
Impossible question. I'd say Tucker on foot, Eldridge on bike	1
I turn Strava Off when I'm on Mt. Tam.	1
I spend time all over trails above mill valley, on the south side of tam	1
i love all of them	1
I go to several places but Lily Lake most frequently	1
hike to west point inn from mtn theater	1
Fox & Hill 88 trails	1

everything	1
east peak	1
don't know all the routes	1
Dipsea, Matt Davis, Steep Ravine to Pantoll Station	1
Dipsea - Steep Ravine - Mt Davis Tr	1
Dipsea	1
Deer Park, Yolanda, Bon Tempe loop	1
Crown rd-Evergreen entrance fire road	1
Costal	1
Corte Madera Ridge, Val Vista	1
Collier Spring	1
Coastal View Trail, I love single track and want more of it.	1
Coastal View Trail	1
Coastal View	1
Coastal trail	1
Canyon and Moore Trails	1
Bolinas Ridge Trail (Also Old RRG)	1
Blithedale ridge	1
Benstein ,Portrero Meadows, Azelea Meadow, Cross Country Boys, Lower Northern, Northern,	1
ben johnson to stinson	1
ben johnson	1
Baltimore Canyon and up from there	1
bald hill	1
anything near the reservoirs	1
all trails on Mt Tam	1
all of the above	1
680/tamarancho	1
5 corners	1

Answered: 107 Skipped: 2157

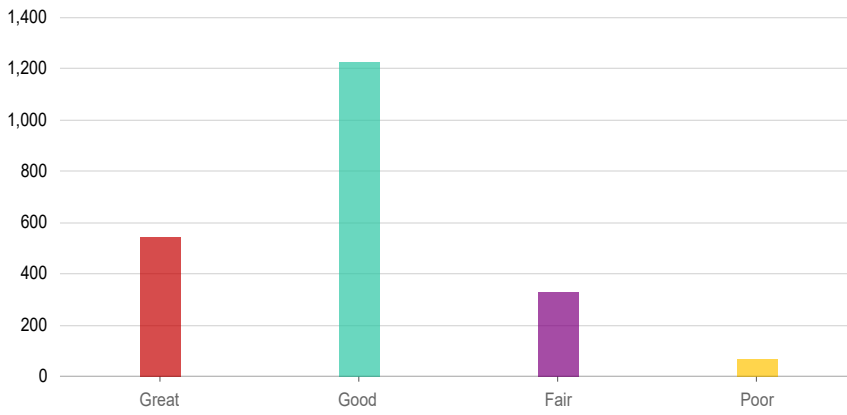
**Congested Areas**

**please\_tell\_us\_about\_your\_trail**

- o 1. Trail conditions

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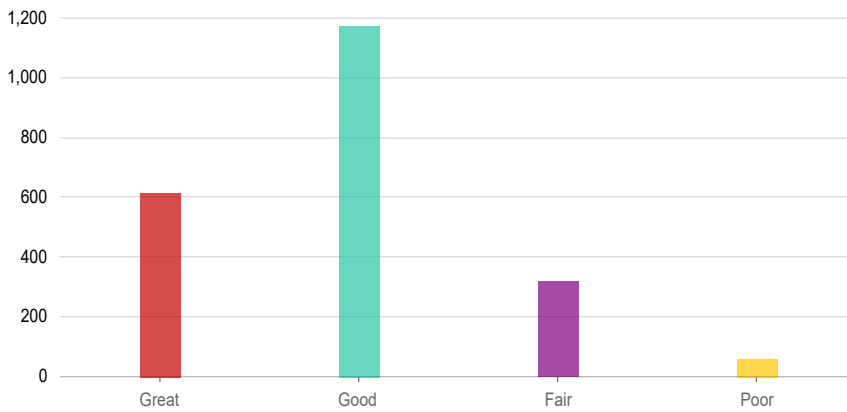




Answers	Count	Percentage
Great	544	24.03%
Good	1,226	54.15%
Fair	330	14.58%
Poor	68	3%

Answered: 2,168 Skipped: 96

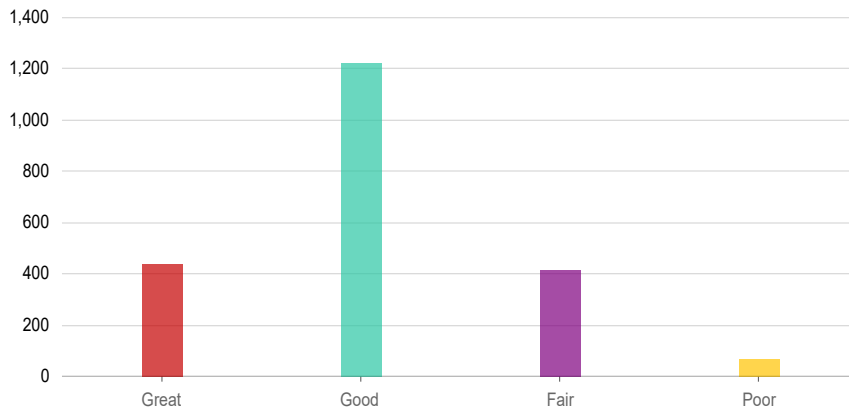
o 2. Fire road conditions



Answers	Count	Percentage
Great	616	27.21%
Good	1,175	51.9%
Fair	321	14.18%
Poor	62	2.74%

Answered: 2,174 Skipped: 90

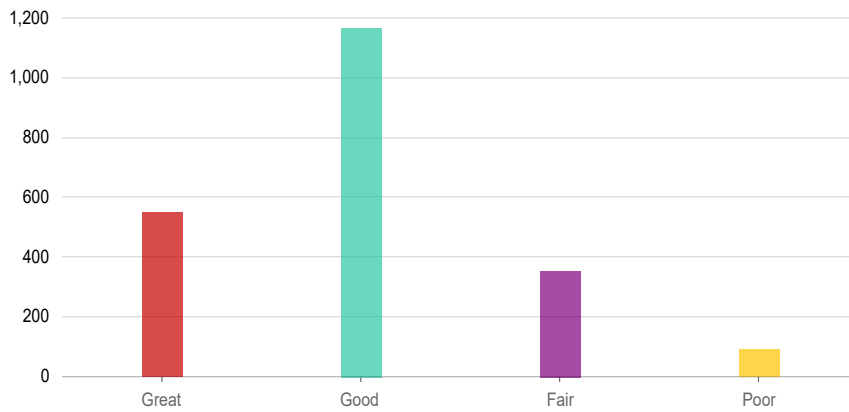
o 3. Usability of maps and signs



Answers	Count	Percentage
Great	440	19.43%
Good	1,225	54.11%
Fair	417	18.42%
Poor	70	3.09%

Answered: 2,152 Skipped: 112

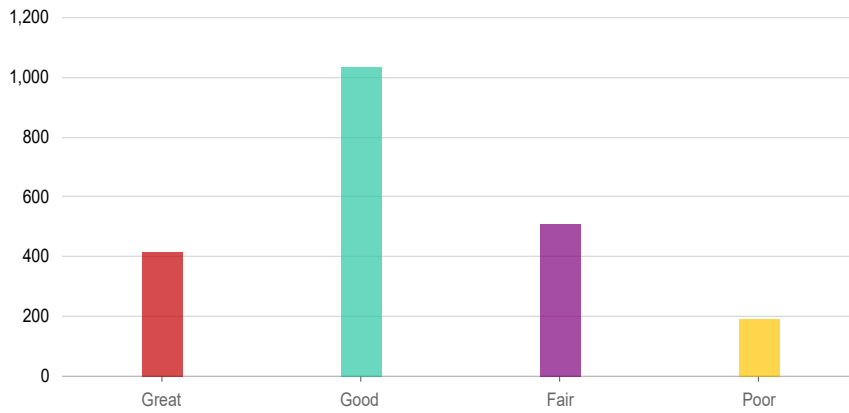
o 4. Interactions with other visitors



Answers	Count	Percentage
Great	552	24.38%
Good	1,168	51.59%
Fair	355	15.68%
Poor	93	4.11%

Answered: 2,168 Skipped: 96

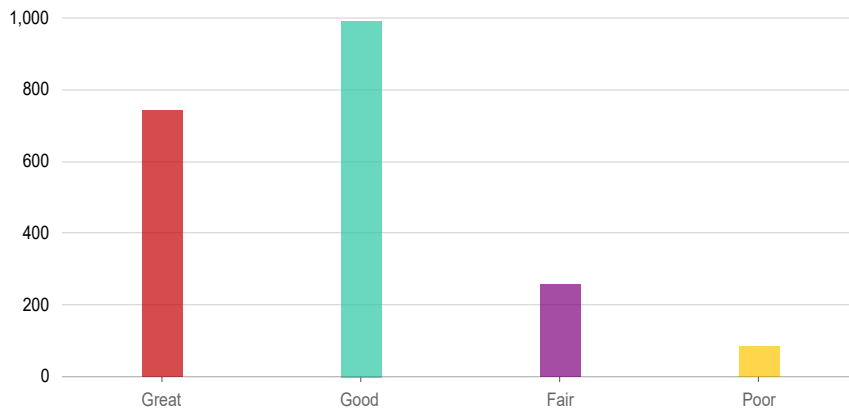
o 5. Interactions with other visitor's dogs



Answers	Count	Percentage
Great	416	18.37%
Good	1,037	45.8%
Fair	511	22.57%
Poor	192	8.48%

Answered: 2,156 Skipped: 108

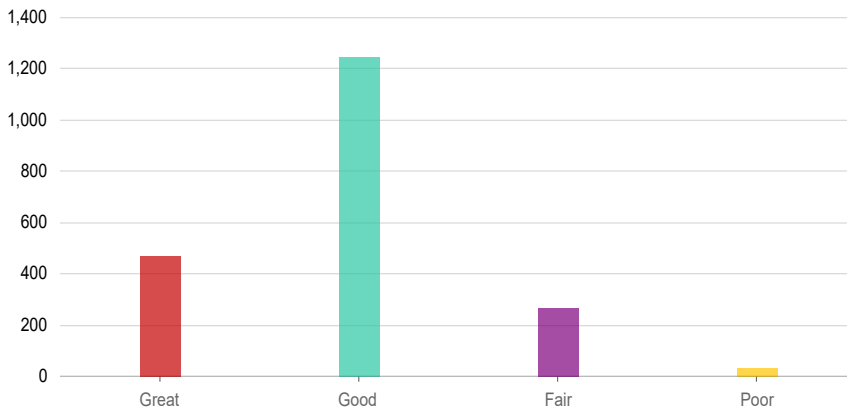
o 6. Interactions with Mt. Tam Watershed staff



Answers	Count	Percentage
Great	744	32.86%
Good	993	43.86%
Fair	259	11.44%
Poor	86	3.8%

Answered: 2,082 Skipped: 182

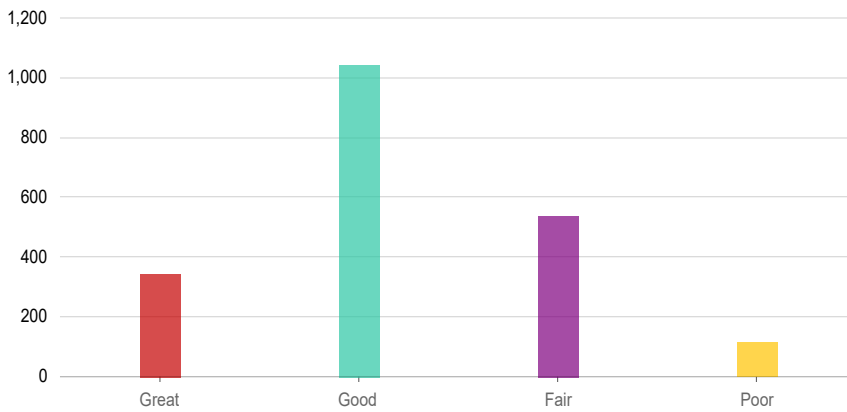
o 7. Picnic areas



Answers	Count	Percentage
Great	472	20.85%
Good	1,247	55.08%
Fair	266	11.75%
Poor	32	1.41%

Answered: 2,017 Skipped: 247

o 8. Parking



Answers	Count	Percentage
Great	345	15.24%
Good	1,044	46.11%
Fair	540	23.85%
Poor	117	5.17%

Answered: 2,046 Skipped: 218

o 9. Restrooms



More mountain bike trails	4
More mountain bike access	4
More single track trails for bikes	3
More Single Track Mountain Bike Trails	3
more parking	3
More MTB access	3
More bike legal trails	3
None	2
NO bikes on single track trails	2
more trails open to bikes	2
More trails	2
More trail access for bikes.	2
More single track bike access	2
more signs	2
More legal bike trails	2
More biking trails	2
More access for mountain bikes	2
Fire prevention	2
Better trail signs	2
Better trail maintenance	2
Better signs. Maintain trails.	2
better signage	2
better restrooms	2
better bathrooms	2
Zig Zag Trail is in very poor condition. Cyclists on fire roads often give no warning to hikers while descending at high speeds. This is dangerous, frightening and inconsiderate. Maintained portable toilets at popular trailheads	1
You're doing a very good job.	1
Yah, more rangers/boots on the ground to monitor, enforce & educate	1
Would really love to see more access for biking. I hike and bike the mountain often and clearly the bike usage has increased over the past 40 years that I have been using it yet the access for bikes has only changed marginally at best. Doesn't seem to reflect the current user base very effectively	1
Would love to see some bike-specific singletrack trails!	1
Would love to see Mt Tam open up some single track for MTB access, particularly in areas that are not typically crowded. Something like the Northside Trail (from Eldridge to Rock Springs) seems like a great candidate and I'm sure that there are others on the mountain too.	1
Would like to see more singletrack trails open to bikes, make it every 5th day or some other day restriction. Possibly sell passes like Tamarancho.	1

Would like to see class one ebike use permitted on all trails and fireroads where bikes are permitted	1
Would like to ride bikes on trails	1
Would like more multi-use single trails. To avoid potential problems between users maybe have some trail on certain days open to horses, bikers and hikers can go any of the days but understand that bikers or horse s are using them to avoid issues about usage.	1
Would like it to have allowed non-motorized water craft (kayaks, canoes, paddle boards) but understand that it would be a recreational disaster now given the number of people now using the area!	1
Would be nice if fallen trees were cleared more frequently.	1
Wider roads for entry and exit, more parking, clearing algae from Lagunitas, free days for low income families, general upkeep of fire roads, trails, and picnic areas, more picnic areas possibly at Bon Tempe.	1
Wider bike lanes	1
We understand that you are planning on replacing the pipeline that runs from the top hillside Ave in Fairfax to Francis Ave. We spoke with someone who was surveying the trail earlier this summer. They said that the plan is to run the pipeline on top of the existing trail. This would make the trail inaccessible! Many walkers and the Archie Williams mountain bike team use this trail...daily. there's no alternative route to get from San Anselmo to Fairfax in this area. Please reconsider pipeline placement. Again, many people use this trail!	1
We need to find a way to allow both mountain bikers and hikers on more single track within the watershed. Many destinations have figured out one way and/or single use trails if that's a direction we need to go. Or, as I have found all over the country, multi-use trails actually work fine. I simply don't have negative experiences in other parts of the country with hikers and bikers on the same trails.	1
We need new/more mountain bike trails. We are far behind the nation in access and amount of trails per users. Current legal trails are maxed out regarding use as amount of participants increase.	1
We need much more access to single-track trails for mountain bikes. Not just one or two trails. The mountain biking community would happily perform maintenance to minimize erosion, etc. Fire roads create the most erosion into the watershed. Singletrack trails do not.	1
We need more options for mountain biking! I've been a trail runner and hiker in Marin for over 25 years; I know and love the amazing trails and some of them would be great for bikes, from a traffic AND environmental standpoint. I've only been mountain biking for 4 years and the legal trails I can ride are incredibly limited. I am always concerned about the environmental impacts to the mountain but there must be some middle ground.	1
We need more access for electric bikes. As well, particularly near congested areas, we need bike specific trails. In non congested areas, please consider opening existing trails to bikes. Most importantly, please provide mountain bike and eMTB access to trails that properly reflects their numbers on the mountain.	1
We just visited Lake Lagunitas yesterday to go on a hike to Pilots Knob and I was very happy to see all the fire mitigation work. This is the most important issue to concentrate on at this time. Let's clean up the open space and make it fire resilient. I know it's hard but it's already looking better. Please keep it up so we can save our lands from fire and invasive species.	1
We desperately need trails that are for mountain bikes. These need to be single track trails and ideally optimized for bikes. If we can do new trails for bikes that would separate use. Perhaps also look at odd/even day use/ directional trails/ or mtn bike specific trails. We also need connection trails that link areas of the mountain where there is not a connection for bikes. For example from Rock Springs to Eldridge, or Eldridge to Railroad Grade.	1
We are satisfied with the current conditions.	1
Watershed rules enforced. E-bikes banned. Dogs on leash. All bikes kept off single track trails. Trails better maintained.	1
water availability and signage for sources. top of tam had water off for most of covid so i avoided peak.	1



Water at Rock Springs would be incredible. Fixing Old Railroad Grade would make one of the most popular human powered access roads safe again. It needs some serious help. Try riding a bike up and down it, and then remind yourself that this is one of the most straightforward, "safe" and easy ways for the general population to access the mountain. We can do better.	1
vending machine at visitor center	1
Vastly restrict dog walking on trails. Those of us who have chose not to have (poorly) domesticated animals are often subject to the misbehaviors of those who do.	1
Uses that are not fast so slower users can enjoy (ie: no fast bikes; no e-bikes). Foot traffic and walking equestrians especially on single track trails.	1
Use of prescribed fire for ecological vegetation management. Sustainable timber harvest as a means of improving forest health and adding another revenue source for the district. Attention to maintaining and restoring grasslands. Focus on reducing invasive plant species especially(invasive annual grasses and forbs and woody species) in grasslands. Initiatives with OneTam and other partners focusing on wildlife habitat and reintroduction(beavers/salmon.) More interpretive signs(the current ones are great!) Consider opening one reservoir up for limited, reservation-only boating with watercraft rented by 3rd party contractor or water district.	1
Update the watershed "visiting wildlife" board in the Lagunitas picnic area (I'd be happy to do the update when up there checking the trail cameras)	1
Unrestricted use of all bikes in the watershed. Horses should be limited and have a way to capture the poop. I love the area as it is and would like to keep it as simple as possible and undeveloped.	1
Trails signage	1
Trails are not well maintained. Deep erosion from heavy rains, poor engineering for outslope drainage, insufficient water bar/diversion.	1
Trail maintenances is the main thing	1
Trail maintenance.	1
Trail maintenance (repair steps, bridges). Was just hiking Steep Ravine last weekend and encountered several dangerous bridges needing repair and reinforcement. Stairs on the Dipsea also need some love!	1
Trail clearing of broom hanging over onto trails	1
trail class mtn bike	1
Trail Additions for Mountain Biking (connector trail/fire roads): 1. Connect Middle Peak Fire Road (MPFR) to Rock Spring Fire Road at roughly the same elevation as MPFR 2. Connect Laurel Dell Fire Road to Bolinas Ridge Fire Road (BRFR) just North of where BRFR connects to Bourne Trail at roughly the same elevation as the BRFR Amenities: 1. Natalie Coffing parking area - Porta-Potties more regularly serviced, i.e., cleaned and toilet paper stocked	1
Trail access rules should be more uniformly applied and be more fair to all user groups. Cyclists should be allowed on a greater variety of trails. The rules that exist now create an "us and them" division between trail user groups. I've mountain biked all over the country and have never encountered rules as crazy as we have here in my home county. In other places, hikers, cyclists, and equestrians all figure out how to coexist with out rules that say you can ride here or you can't. The restrictive nature of our rules encourage blatant disregard for the rules because they treat cyclists unfairly. You really need to start over.	1
Trail access for bikes! Open a few like Thousand S and some other hiking trails! check out Access for bikes	1
Trail access for bikes and e-bikes	1
Topo maps of the whole watershed at each parking lot. Cascade Canyon Trail needs bridges to protect fish spawn please.	1
Top to bottom biker made, biker-only single tracks.	1
To protect wild life. Like more benches so people can enjoy the wild life and rest.	1

To better support a bike community so it can grow and thrive for the next generation.	1
Tickets for e-bikes	1
ticketing for unsafe car driving on Pantoll road (passing on blind corners, etc) the aforementioned enforcement of off leash dog citation re-grading fire roads and a listed timeline for doing so pay raises for the Rangers, y'all do a wonderful job	1
This plan should first and foremost represent the current users which are using the mountain. It needs to promote inclusivity and be based on scientific and data driven evidence for decision. Right now, mountain bikers on Tam are not getting fair use of the mountain. We need to open up more trails to mountain bikers, and we can open up these trails farther away from congested areas where there will be conflict. If new trails are developed (and we should! these are important fire mitigation strategies!) or existing trails converted to mountain bike use the mountain biking community will flock there as well as maintain these trails and help find common ground. The mountain biking community can be an important ally and stewards of the gift that Mountain Tam is to this community. From volunteer work to maintenance to proper trail etiquette - these are allies. We	1
This is not something the District can legislate in any way...but it would be nice if more people were friendly, and said hello. Many do, not all.	1
They need to build more single track bike trails.	1
There should be proportional trail access for the types of users that use the watershed. We need trail access for bikers (not only fire roads). The watershed is a huge area and these user groups should be able to co-exist, especially for the different distances from the parking lots and trailheads these users tend to inhabit (bikes can go a lot further from the trailheads). Restricting access to specific user groups is not an option.	1
There NEEDS to be more purpose built trails for mountain bikes. It's an abomination that the birthplace of mountain biking has some the least amount of access for mountain bikes	1
There needs to be more access to trails for Mountain Bikes and Gravel Bikes. We need to have a better system that grants access to single track trails for mountain bikes.	1
There needs to be a review of the accessibility of the watershed for adaptive mountain biking. The trail head entrances vary in width and accessibility. aMTB users need a 36" or wider opening to enter a trail. Some aMTBs are as wide as 39-40". Specifically, the deer park entrance (parking lot to field and field to deer park trail) are less than optimal. Concrete pipe at Bolinas Road has a sign installed impinging on the clear space. It hits the bars on aMTB's. The exit of Eldridge at the top does not have a gate for aMTB users. I am able to go under the gate by moving my headrest. The connection from the west end of the Lagunitas Dam to Lagunitas-Rock Springs is too narrow to pass for aMTB users. The Lake Lagunitas Trail is impassible to aMTB users due to stairs near the Lake Lagunitas parking lot. The entrance to Pine Mountain at Bolinas is very skinny - I barely fit and other riders won't. The Shaver Grade gate at Sky Oaks road is challenging and not possible when wet.	1
There must be more access for the largest user group, Mountain Biking, on Mt. Tam. Access shouldn't be limited to fire roads, as the biking experience is more dangerous and less enjoyable on fire roads. Both expansion of and creation of single track trails is equally important. There are numerous locations throughout CA that we can model our plan after, which will balance usage, conservation, inclusivity, and safety. Public spaces are owned by all residents and should be enjoyed by all participants.	1
There isn't enough single track available for bikers, leading to the few legal single track trails that exist being extremely congested and unsafe as a result.	1
There are too many E-Bikes that ride at excessive speeds. Motorized vehicles (and E-Bikes are motorized vehicles) do not belong on hiking trails (especially single track trails). They should be restricted to wide fire roads. Save the single track routes for runners and hikers. The more access given to E-Bikes the more there will be to terrorize the other users of the mountain. The GG Bridge has become a regular cyclist's nightmare with all of the tourists on both E-Bikes and muscle bikes and I fear the same thing will happen on Mt. Tam.	1
There are too many e-bikes going too fast. It is making it tough to ride a regular bike and not get dirty looks from hikers. I used to ride the mountain, mostly railroad grade or shaver to Lake Lagunitas on Sundays, but there are too many people and I don't like the negative feel. So I try to go on week days. But my complaints about the e-bikes are really mostly on the bike paths and not necessarily on the mountain.	1

There are several trails that are restricted to mountain bikes but see little use from hikers. I think these could be opened to mountain bikes (maybe mid-week only?) without impacting very many hikers. These trails are farther in and not that easy to hike for many people but they are easy to access on a mountain bike which has a much further range. I also like how the Salt Lake City area has successfully adapted odd/even day restrictions (odd days are for dogs, bikes are on even days).	1
There are not many rangers patrolling the trails.	1
There are no single track trails for mountain bikes, this needs to change. It's not fair that Mountain Bikers are banned from all single tracks. I am very careful to be respectful to other trail users. The fire roads are not good, they are often directed far too steep for bikes, since they were designed for 4 wheel drive vehicles. We desperately need single track trails for mountain bikers.	1
The watershed is already over run by mountain bikes. Allowing e-bicycles will make it much worse. Far too many bicycles speed and use the trails for aggressive maneuvers. This degrades the trails and endangers walkers and those who wish to commune with nature.	1
The trails are a real treasure on Mt Tam. I strongly support as much Trail maintenance as possible. Thank you.	1
The trail signage seems to confuse everyone. The typography and emphasis is misleading. There is more emphasis on upcoming junctions than on the trail name itself, causing people to think they are on the trail that lies ahead some distance away, rather than the one they are actually on.	1
There should be MANY more single track mountain trails. Mt Tam should work directly with the Mountain community to build and maintain mountain bike trails. We allow mountain bikers to build and maintain trails they will build and maintain trails for EVERYONE. There are many other places in the world and the country where this works wonderfully. Vancouver BC, Bend Or, etc.. These communities should be a model for Mt Tam.	1
The roads are poorly maintained. Descending towards Fairfax is dangerous. The pavement needs to be resurfaced and made more smooth.	1
The recreation plan needs to acknowledge reality of population and user base. We can't continue to treat as a pristine wilderness area that cannot support usage. The plan needs to reflect reality that mountain bikers are a major user base that deserve recognition. It also needs to be inclusive of marginalized populations that have a desire to use mountain bikes. Bikers want flowy single track. Not poorly designed and steep fire roads. We are happy to ride farther away from crowds if that gives us opportunity for good trails and to avoid confrontation. We will help fund, build and monitor these trails. With decent alternatives the usage of illegal trails would be reduced. Everyone deserves to enjoy this amazing asset in the way that gives them most benefit. Too many users are focused on making other users seem illegitimate. People complain about bikers, horses, dogs, big groups, people with headphones on. The biking community wants to be part of the solution.	1
The poster board at Lake Lagunitas that lists the animals seen is a great idea but it is old and broken. Can it be remade?	1
The people I see on the fire roads with booster e-bikes are responsible. They are usually older people that used to be on mountain bikes and love the outdoors. If visitors are waiting in line for a parking place they need to turn off their engines and wait patiently.	1
The only improvement is to somehow provide etiquette awareness for e-bikers. They scare me. I'd love to legally access single track. I would love to restrict e-bikes but I've met some nice elderly people on old railroad who know how to ride and love Mt. Tam. But the young kids and newbies are scary. I think it's causing the rumpy people to dislike more than they already do.	1

<p>The number one improvement is more bike access on the mountain and watershed, particularly on single track trails. Retaining existing social trails is important. Social trails could be utilized to provide bikers trail opportunities. I also strongly support new bike priority trails, particularly in congested areas to improve safety for everyone. Trails farther from trailheads, where the trails are less used, these should be evaluated for change of use to include bikes. I grew up in West Marin and have always valued access to the bounty of natural beauty we have in our backyards. Ensuring that everyone who values the space is able to have equal access is very important to me. As the home and birth place of mountain biking it's a travesty there isn't more support for mountain bikes on these trails. Living in Fairfax my family and I enjoy picnicking in the watershed, we had our son's first birthday at lake Lagunitas picnic area, as well as going on hikes around Bon Tempe.</p>	<p>1</p>
<p>The new signs with Measure A are very nice but maybe in some parking area better trail information would be nice. Also more water drinking fountains would be nice. Maybe with more bike there needs to be designated days for e bikes or designated fire roads they can or can not go on. They seem to travel in packs...fast!</p>	<p>1</p>
<p>The mountain is large and varied enough to allow use by all forms of trail users. Restricting access by ebikes is unfair &amp; is 'nimby' at its finest. Peoples' recreational choices change over the years and the district needs to allow for this. There are more taxpaying citizens that ride bikes that deserve access. Hikers &amp; equestrians have long enjoyed preference to trails on Tam. This needs to be more equally shared among others. Safety is always a concern and there are many, many ways to ensure safety.</p>	<p>1</p>
<p>The mountain bike user group has grown tremendously over the past decade: COVID spurred a massive interest in cycling, mountain bikes are have become more affordable than ever (making the sport accessible to people of all socioeconomic backgrounds), and to many with chronic health conditions, cycling represents the only means to access the watershed comfortably. When you compound these factors with the recent exponential growth of organized, scholastic mountain biking, it becomes clear that district needs to take renewed initiative in facilitating this user group. I suggest: -- Opening up MTB directional-use trails to alleviate high-speed fire road traffic -- Expand multi-use single track to keep bikes off paved roads, fire-roads etc. -- Short of hiring significantly more rangers, these measures are the only real way to alleviate social trail usage. These trails only exist because sufficient mountain bike infrastructure does not exist in the district or on public parklands.</p>	<p>1</p>
<p>The mountain bike community is a large part of the user base and has a history of contributing to trail maintenance. I would like to see single track trails opened up for mountain bikes/e-bikes. This would reduce congestion between user groups and increase everyone's enjoyment of the watershed.</p>	<p>1</p>
<p>The mountain bike community has played a significant role in the maintenance of the watershed over the past few years. However, the extent of our efforts in maintenance is not reflected in our level of access to the watershed. With our invaluable volunteer efforts and work, the new RTMP must address the needs of mountain bikers to an extent equal to that of other user groups. As biking and hiking continue to rise in popularity, trail congestion continues to worsen; ways to mitigate this would be to create bike-only bike-priority single directional trails that contour fire roads or popular double track trails, better signage for all users, alternate day usage for bikes and dogs. Not only will this reduce congestion on fire roads, the creation of new single track will provide cyclists with the more challenging terrain we crave, but it will also slow down our speeds, increasing overall safety, and prevent cyclists from seeking out illegal trails in order to be challenged.</p>	<p>1</p>
<p>The most diverse user group by age, race, and income level are bicyclists. Why are bicyclists not allowed to ride safe, legal singletrack? Why has the Watershed not instituted an even/odd day program, or clockwise/counterclockwise protocol, as other land managers have successfully done to address concerns about expanding bicycle access? .</p>	<p>1</p>
<p>The last half mile of upper Eldridge FR needs work.</p>	<p>1</p>
<p>the land is beautiful and well maintained. i've lived here my whole life and grew up hiking and running the trails. i really dont see that we need improvements</p>	<p>1</p>
<p>The fire roads are sometimes a bit rough especially after the rainy season. A few of the rides on Mt. Tam are a little too steep for safety. More single track riding would be amazing</p>	<p>1</p>
<p>The fire roads are by far the most erosive trails on tam. Not the social trails or the single track. So maybe more energy can go into improving those fireroads rather than closing social trails. Also, let's prioritize fire management instead of ticketing dogs off leash or Mt bikers.</p>	<p>1</p>
<p>The access of single track trails for my bike trails and bike trails that aren't fire roads.</p>	<p>1</p>

Sustainable trails that don't harm our watershed (it's our drinking water, people, helllooo!). If not less people on trails, then more INFORMED and RESPECTFUL people on trails. More interpretive signs or something to educate us about plants and wildlife - maybe this will help us build a more humble and respectful community. Sadly, less bikers. Less hikers going off-trail. Also I encounter a LOT of international folks here, many of whom do not speak English very well. I will give them the benefit of the doubt and say that they may not understand the signs that say "no dogs" or "pick up after your dogs" or "share the trail", etc. Perhaps we need more inclusive educational signs.	1
Stronger signage to indicate cyclists will be on Mt. Tam (minimum passing signs, bright green bike lane paint)	1
Stricter enforcement of hiking only trails. The erosion caused by bikers is damaging the fragile streams where I hike. There's a pool of water at the base of Burnt Tree trail and the bikers have damaged the trail to the point where the pool is filled with mud. For 30 years there were salamander spawning in that pool. Now there is not enough water for the salamander to spawn.	1
Stop making the trailhead gates narrower than bike handlebars. Expand the mountain biking trail network. Open the San Geronimo and Kent watershed to bike trails. Will accomplish a few things, 1) pull bikers away from the congested areas, 2) encourage more use of that part of the watershed, 3) eliminate/reduce illegal groups by having lots of eyeballs reporting suspicious activity, 4) has the potential to create a world class mountain bike destination in our back yard.	1
Stop funneling all users, especially mountain bikers, onto fire roads. As a mountain biker, it's backwards logic to limit use to only crowded fire roads. Fire roads are smooth, open, and beg riders to go fast. Single track trails are the opposite. They are slower to ride by design and by nature. The improvement for me and thousands of mountain bikers would be to open existing single track with minimal "improvements." That means not plowing and widening and smoothing trails out. Adding trails, built by bikers themselves, that have recreation and fun in mind. Condescending user groups like to judge whether other user groups are "appreciating nature," a self-serving criteria. The idea of having bike-only trails infuriates user groups who have had hiker-only trails for decades. That's hypocrisy. I hope that eventually someone will bring an ACLU type lawsuit against the water district for decades of denying access to specific groups to the watershed we all pay for.	1
Stop charging schools for permits for educational use of watershed. Charge educational institutions/schools only for recreational use. Require bikes to have a visible license so pedestrians call about riders who endanger them. No bikes at Lake Lagunitas on weekends. Obtain hand-held radar guns, train rangers to use them, and issue tickets for speeding. Riders need to know that speeding is dangerous and not acceptable on MMWD land. A speed limit is meaningless unless it is enforced. There should be no e-bikes unless speed limits are enforced. Have a system so that people don't pay to enter at Sky Oaks and then have to drive out again because there is no parking anywhere.	1
Stop charging schools for permits for educational use of watershed. Charge educational institutions/schools only for recreational use, like you used to. Offer all permits including senior permits in the park instead of making senior drive up to Petaluma for a permit. Require bikes to have a visible license so pedestrians call about riders who endanger them. No bikes at Lake Lagunitas on weekends. (Like Point Reyes has weekend restrictions for Bear Valley Trail.) Have a system so that people don't pay to enter the watershed at Sky Oaks and then have to drive out again because there is no parking anywhere.	1
Stone or wooden log benches on trails. These can be paid for by people naming the park as beneficiary in their trust, or in memory of a loved one.	1
Stinson is a mess now. You might almost have to limit how many visit on weekends or charge though I hate to suggest that. It's crazy.	1
Specific e bike speed reduction signage	1
Some work on trails that may not get as frequent upkeep on.	1
some single track for mt biking	1
Some signs that restrict mountain bikes could be more visible	1
Some one way only single track official bike trails	1
Some of the trails could use managing because of erosion, roots, etc.	1

Some of the trails are getting a bit rutted	1
Some of the smaller trails are not signed well. Some of the bridges are falling to pieces. In general things are well maintained and we feel so lucky to live nearby.	1
Some of the restrooms.	1
Some of the bike restrictions are unreasonable	1
Some improved maintenance of fire roads for smoother bike experience. Some additional access allowed for bikes on single track trails even if its only in one direction, additional signage for bikes yielding to pedestrians. Could possibly also allow for use during certain low volume times such as very early morning and weekday afternoon or evening. I generally don't want to limit E-MTB access as it gets more people out on the trails getting exercise. I do not ride an e-mtb at this time but could see it as a good way of riding with others and increasing participation.	1
Some enforcement of dog rules.	1
Some cross connecting trails that take you over the middle peak (or where the old radar barracks and tennis court is. Better switch backs the Colier. Add additional real trails not just old fire roads out in the more remote Kent Lake area.	1
Some of the fire roads, especially Eldridge, need a bit of work.	1
Singletrack/Trail access for mountain bikes!	1
Singletrack, whether bike specific or multi use needs to be expanded. Not only would this promote less illegal trail riding and building from bikers, but create less confrontation between bikers and hikers. The lack of bike legal singletrack in the watershed is extremely outdated for modern trail usage. Expanded bike access NEEDS to happen.	1
Singletrack trails open to bicycles.	1
singletrack open to (non ebike) mountain bikes!	1
Singletrack for bikes! Right now bikes can only really access fire roads, which is good for gravel biking but not mountain biking. How can we get more networks and systems like Tamarancho throughout Tam?	1
singletrack access for bikes on trails during off peak hours	1
SINGLETRACK ! (Even if restricted hours)	1
Single Track use for mountain bikes	1
Single track trails opened to cyclists.	1
Single track trails for Mountain bikes and No E-bikes allowed.	1
Single track trail access for mtb non-motorized	1
Single track my bike access on specific days only. Clear E bike policy allowing pedal e bike usage 15 mph or less	1
Single track mountain biking access	1
single track for mtn bikes	1
Single track for bikes	1
Single track access for mountain bikes. Equal and fair treatment for cyclists. More trails. Mountain bike restriction is far and away the biggest problem with mount tam today. Lets fix that and then well worry about bathrooms later.	1
Single track access for bicycles on certain days or times on certain trails.	1
Since road cycling has a higher risk of accidents compared to gravel or mountain biking, access to bike access to trails and fire roads would be appreciated.	1

Simple. More Access For Mountain bikes	1
Signs that indicate friendly rules and and reminder about biker / hiker / dog protocol.	1
Signs telling slow drivers to pull over if there is a line of cars behind them. Parking near trail heads has become difficult over the past few years.	1
signposts on tracks	1
Significantly more access for mountain bikes on single track trails. Less money spent on bureaucracy. Dramatic increase in money spent on trail building and trail maintenance. Less wasted money on Ranger walking and driving around - put the money into the trails. Engage instead of exclude the mountain bike community. They are typically quick to help build and maintain trails. Trail education signs to teach bikers that are uneducated the courtesy needed to create an environment they are welcomed in.	1
Signage separating bikes and pedestrians or excluding bikes on t rails.	1
Signage for trails	1
share the trails with bikes. alternate days use policy like santa cruz	1
separation of bikes from hikers on all single track trails - with enforcement and fines	1
Separate horse trailer parking and designated access to fire roads only could decrease conflict and minimize stress for equestrians. Many people are not comfortable with horses and do not understand the nature of the horse, and their rider not always ready and able to "read" and mitigate the situation. It is easy to blame others, lets come up with solutions for all users. Bike only trails, maintained by the biking community, could help distribute users away from the high use areas and decrease impact on the resources. Cyclists are "can do" and a robust generational spanning group and many high school students must provide community service hours There are no hardened trails/fire roads for mobility challenged visitors, accessible benches to rest and enjoy, nor accessible, multimodality interpretive materials to help user groups understand the amazing resources we are sharing. Collaborate with user groups to find solutions and minimize the finger pointing.	1
Seems there are many places with lots of combustible branches, fallen trees... on the ground that could act as kindling in a fire. It would be good to clear out some of the most hazardous areas, while keeping habitat and ecosystems healthy.	1
See above. And finish the trails so that we can enjoy Azalea Hill again.	1
see above.	1
see above - if there was a way to train humans to observe dog rules, that would be great	1
Safety signage on Railroad Grade saying that bikes should stay to the right and follow the 15 mph speed limit.	1
Safer and less parking as described above. Maybe make folks take a shuttle up to Cataract. Also repair Bolinas Fairfax road on the Fairfax side where the road caved in. Bolinas ridge needs drains installed so the big pools of water don't form. Not fun to ride and causes erosion and further trail damage. Lastly- road conditions on Ridgecrest Blvd. near Bolinas Fairfax road (under trees) is terrible. So much broken pavement and gravel. I bet there is a bike accident there every few days.	1
Road improvements and vehicle limitations to upper mount tam areas	1
Revised access rules for bicycles on narrow trails, particularly trails that aren't near parking lots. Add narrow, bike appropriate trails in areas that aren't near parking lots. There's plenty of space for this, and doing so would take use pressures off of other more popular areas.	1
Restrooms! Enforcement of single track regulations. Motorcycles/electric motorcycles and mt bikes don't mix well with walkers/hikers/runners. Everyone has equal foot access to the trail system. Don't let it turn into a motocross park. Parks like China Camp struggle to repair the damage caused by bikers who are more interested in speed and adventure than in enjoying the natural beauty of our blessed open spaces.	1
Restriction of bikers. Not fair they are lobbying authorities to get more and more roads from walking visitors. Shame .	1



restrict visitor-ship. The increasing populace is ruining the mountain. The #1 goal should be to protect/preserve. The wildlands are being consumed, the wildlife receding, the precious water should be primary and humans and the sediment created by recreation conflicts with that goal. We live in one of the most unique areas in the world and 1 of 26 in the nation. I think our goal is to stop the madness of consuming it if we want to keep it. We should not have E-bikes or bicycles up there. We really don't care how much they cry about it. Preserving nature is more important than recreation.	1
Restrict vehicle traffic except for people with disabilities. Restrict E bike access unless they are older or have disabilities. Improve trail access for everyone including bikes. Don't waste millions on over engineered hiking paths that could be built with volunteer work of willing users	1
Restrict Mt Bikers	1
Restrict mountain bikes on single track	1
Restrict ebikes. License or require permit.	1
Restrict e-bikes on all trails. Too many times they are riding too fast for trail conditions causing a dangerous situation.	1
Restrict e bikes to adults only	1
Restrict bikes since it makes it very dangerous when they appear on single track trails. Since COVID, more use on the mountain and many trails are eroded. Need maintenance.	1
Restrict bikers to particular trails to reduce speed-by encounters with hikers.	1
Restrict and enforce mountain bike usage from all single track trails. Enforce mountain bike speeds on fire roads. In general, I don't have a problems sharing the trails with most mountain bikers. But there are around 15% who seem to use the trails like they are amusement park rides. I have had a number of close calls with mountainbikers who are moving way too fast to stop when they encounter a hiker.	1
Restrict all bikes to fire roads.	1
Restrict (and enforce) trail use rules, especially keep at least some trails free of mountain bikers and e-bikers. They poach every where.	1
Restore the top of Mountain	1
Restore non-system trails	1
Rerouting of suboptimal trails and fire roads, development of good loop trails for cyclists. Removal of fire road segments steeper than 10% grade.	1
Requirement that dogs are leashed Opening up all trails to bikers (including e bikes) More drinkable water availability	1
Replace trail signs that have fallen sooner.	1
repaving roads	1
Re-pavement of poor road surfaces. Especially the lower half of Stinson -> Pantoll, all of Rock Creek Springs -> Fairfax.	1
repair bike ruts, all dogs everywhere, post signs for dog owners and people to pick up trash, signs for people to respect our mountain and not to cut trails	1
Re-name ambiguous trails so the trail directions are clear. Indicate trail direction with pointers, for example where Dipsea diverges and a use trail goes to the Steep Ravine cabins but has no sign. Hikers should be directed to the right (the true Dipsea trail) to avoid confusion. Require leashes on dogs on narrow trails where the hiker will directly encounter the dog and if unrestrained that is not safe. Remind bikers to call out or ring bell when approaching hikers.	1
Remove stairs from trails. I can't hike trails with lots of stairs because they hurt my knees.	1

Remove iron barrier that restricts ease of bike access to fire roads. Eg: top of Shaver onto paved road near Bon Tempe.	1
Remove fuels for fire, improve fire safety	1
Remove all bikes since they don't follow regulations	1
Removal of invasive species, especially the removal of broom by uprooting the plants and not cutting them. More strict measures against bikers on single-track trails.	1
Removal of dead vegetation	1
Remind hikers they have to be aware of others on the trail, too. I find they're all over the fire roads with unleashed dogs, then get mad when I Bike By and ring my bell.	1
Reference above.	1
Re-establish mounted patrol - both bikes & horses, more rangers	1
Re-do the Dipsea trail steps. They are a killer. We hike up and down them a lot. Better signs at trail junctions	1
Reassessment of the trail access to better reflect the trail users. Specifically, opening a large number of single track trails to mountain bikes.	1
Reasonable access to some single track trails by mountain bike.	1
Rangers stop giving tickets for riding a bike. There's bigger things in the world to worry about.	1
Rangers should be naturalist/educators and not police	1
rangers on duty, hire more rangers, fire watch, no cigarettes, get rid of bikes and enforce existing law. give bikes tickets for speeding and illegal single track trails. stop allowing high speed e bikes. ticket bikes.	1
Railroad grade is a bumpy, rocky mess and could use some love	1
Purpose built mountain bike trails	1
Pull more Broom	1
Public education that everyone can use the area and get along. I have ridden in many other states, Oregon, Washington, Utah, as well as many other parts of California, everyone seems to get along much better than I observe in Marin. I think it is an education issue and the discouragement of entitlement. Everyone should be encouraged to responsibly use the watershed and be accepting of other's uses . . .	1
Pt. 1 below especially for Cataract TH (This is my other favorite hike on the Mt., about once a week: up Cataract, via Rock Springs over and down to to Steep Ravine and back same way - so I am at that TH often.) This TH gets VERY crowded and area suffers from over-use symptoms. (Dogs in pools, use trails everywhere, TP, crowded trails ... ) A long term- and/or same day - permit-system would be great.	1
Providing more trails that mountain bikers can ride	1
Provide LOTS more options for all types of bicycles. ALSO. rate trails and provide recommendations for the type of bicycle that works on this specific trail. I find it very difficult to map a route on my gravel bicycle from Sausalito to Stinson Beach. A route that avoids cars but NOT too technical that I can do on my gravel bicycle.	1
Protect natural resources from increasing recreational use. Add compostable toilets. Evaluate multi-use trail use options including: relevant MW policies, improving existing alignments, building new sustainable trails and decommissioning existing trails with negative resource impacts.	1
Promote equitable multi-user inclusion for all non-motorized uses: pedestrian, equestrian, cyclist. Mountain biking access in particular is sorely deeply unequal, particularly given the history of access, innovation, and trail work by the cycling community.	1
Pretty happy really, maybe pre reserved parking or easier stop for carpooling	1

pretty amazing as is	1
Potable water, allowing bikes on a few more connector trails.	1
Posted trail maintenance days with signup sheets at trail heads. A few mountain bike focused single tracks. Maybe up hill traffic only to mountain bikes on designated trails. Signs at top of trails saying "your grandma is hiking on this trail today:". Ride it, not slide it.	1
Post speed limits for bicycles of 3 miles an hour when sharing a trail with pedestrians. Proper trail etiquette info should be given to all bicycle owners. Right of way of pedestrians should be emphasized on all signage. Recreate separate trails for pedestrians and horses so we can walk in peace and enjoy nature again in our parks without having to share every trail with bicyclists.	1
Possibly more restroom	1
Police trails so that cyclists are fined on restricted trails	1
Police dog people. Open all trails to mountain bikers. Teach visitors the way to behave on Tam and be good mountain advocates and trail users. The culture of Tam is unfortunately the worst in the country.	1
Poison oak removed along trails	1
poison oak removal	1
Poison oak control	1
Please stop putting toxins in our water. Fluoride is not good for people. It is a military waste product and was known to have been used to subdue people. I pay for spring water to avoid ingesting that crap. Unbelievable the Marinites aren't up on arms about this.	1
Please preserve single track for mountain biking. Such a shame to see legal mtb trails like tenderfoot and coastal rebuilt as double track or with non-bike gates. There is already such limited access to single track in the birth place of mtb! Expand mtb network!	1
Please please open up more biking. In all other communities they are building new trails for this very avid group of users. Often in partnership with the biking community and at no public cost. Even if you require a permit to use ala Tamarancho or China Camp	1
Please open up the reservoirs to swimming and kayaking. I'd be willing to pay for this.	1
Please open trails to bicycles. The ability for horseback riders to ride trails but not bikes is inequitable. Please consider some way to limit top speed of the eBikes.	1
Please make singletrack purpose built trails for mountain bikes.	1
Please make more singletrack available to responsible cyclists. I have been on these trails since 1987 and many of the trails are empty and quite shareable. If you are courteous and respectful of trail users there isn't conflict.	1
Please make more single track trails open to mountain bikers.	1
Please keep bikes legal everywhere.	1
Please enforce dog leash rules.	1
Please embrace the community around you and open up to mountain biking	1
Please don't allow bikes on trails. There are already enough bike friendly trails in Marin. Some trails should be for pedestrians only. Also concerned about trail erosion and water quality.	1

<p>Please do not ban E bikes! E-Mtb should at a min be allowed on the wider fire roads but I think they should be allowed elsewhere. However, consider a strict fine for violating speed and other safety regulations - particularly zooming past hikers All mountain bikers need to be more careful - regular mountain bikers can go just as fast downhill - so don't discriminate against e-mtbs E-mtb's enable older riders and others the ability to explore country they never ever would be able to on an analog mtb. Not everyone can climb 3,000 feet and ride 20 miles! Maybe there is a way to make e-mtb riders apply and pay for an annual permit and increase fine's and/or penalties for their failing to honor well published and well-posted riding rules. Because enforcement is likely difficult (given mountain bikers are difficult to recognize), perhaps a system can be developed that requires them to link their CA driver's license to their annual permit profile + and to log every ride on Mt Tam?</p>	<p>1</p>
<p>Please continue with native habitat improvements/protection projects. Provide more trails for limited mobility users.</p>	<p>1</p>
<p>Please consider enforcing the existing e-bike ban on motorized vehicles. MMWD rules should not be enforced selectively and those breaking the rules openly and without consequence are encouraging other bad actors to break more rules. I have witnessed a rapid expansion of ebike users, sizes, weights and dirt bike types of e-bikes that are adding risk to other users and risk of damaging the environment and disturbing wildlife. They are regularly speeding, with easy access to remote areas. They are simply going too fast uphill and down and often are disrespectful to those hiking, riding or mtb cycling. This technology is proving disruptive to the serenity of the open space. Please enforce the district's rules. You don't need more rangers as these ebikes are literally everywhere during peak times.</p>	<p>1</p>
<p>Please build more trails, especially for bikes. Bike trails are being built all over the country, but somehow trail access on tam has shrunk over time. Which is bonkers for a progressive state like California.</p>	<p>1</p>
<p>Please bring back paid parking (or use of the pass at Sky Oaks) for PHOENIX LAKE. I HAVE WAITED UP TO AN HOUR FOR A SPOT. People should pay to park there just like at the Watershed elsewhere or other places on Mt. Tam. PLEASE! and you need the money!</p>	<p>1</p>
<p>Please ban e bikes and enforce existing laws against entitled bikers</p>	<p>1</p>
<p>Please allow mountain bikes access and directional bike only trails for safety of everyone. Thank you!</p>	<p>1</p>
<p>Please allow more access and signage for bicyclists! Etiquette or other education is great too</p>	<p>1</p>
<p>Please add singletrack bike access</p>	<p>1</p>
<p>Permanent veg crew, thinning, controlled burns, ticket fast drivers.</p>	<p>1</p>
<p>Periods when all bicycle riders are banned, Barring all eBikes at all times.</p>	<p>1</p>
<p>People just need to be more courteous. Just because one group that uses the mountain likes to complain doesn't mean others are not as passionate about their respective activities. Also follow the rules it's not that hard and everyone likes to point at other groups as the 'bad' actors. Folks need to relax a bit a be more courteous and thoughtful.</p>	<p>1</p>
<p>people driving slowly need to pull over more often on the main roads.</p>	<p>1</p>
<p>Pave the road from Sky Oaks Road to Bon Tempe parking lot. The dust from vehicles is a health hazard and current gravel surface produces fine particles wash directly into Alpine Lake.</p>	<p>1</p>
<p>Pave Bon Tempe Dam Rd?</p>	<p>1</p>
<p>parking for horse trailers</p>	<p>1</p>
<p>Parking and bathrooms</p>	<p>1</p>
<p>Pack-it-out policy for horse riders -- horse dung on trails is a major problem. Accountability for illegal bike use of trails.</p>	<p>1</p>
<p>Overall everything is pretty good.</p>	<p>1</p>
<p>Over the last 10 to 20 years I've seen the trails deteriorate up on the mountain seems like the district isn't investing and maintaining the mountain any more I also remember seeing a lot more rangers is back in the day with more people and Less staff and facilities it seems like a recipe to see the mountain degrade</p>	<p>1</p>

Opening up of single track for bikes and bike specific single track.	1
Opening the entire watersheds trails to bicycles. No more tickets for cycling no more entitled rangers trying to be mr/mrs authority.	1
Open up the trails to multi-use and consider permits/passes and scheduling to reduce use as needed. Constantly changing schedule for trail assignments to bikers, hikers and equestrians independently could help separate user groups and support harmony and multi-use. Anything is better than the current mentality which is closed off to many user groups	1
Open up more trails to mountain bikes and ebikes. Biker's pay the same tax dollars as everyone else yet the single track trails for bikes are very limited to "hikers only" Most other locations around the country the trails are open to all (hikers and bikers) and quite honestly everyone is more friendly with one another as a result.	1
Open up more trails to bicycles.	1
Open up more trails to bicycles	1
Open up more trails for single track mountain biking ASAP.	1
Open up more trails for mountain bikes; allow e-bikes.	1
Open up more single track trails to mountain bikers. They are a big percentage of the users on the mountain but have limited access to single track trails. Also work on education and signage for how different users should interact with others and hierarchy of right of way. Park City , Utah has done a nice job with both of these	1
Open up more single track trails to bikes.	1
Open up more of the infrequently used singletrack-style hiking trails to mountain bike use. There are 20-50 current singletrack trails closed to biking but rarely if ever used by hikers. There is no need to waste Watershed time and money on improving many of these (ie-Liberty Gulch = 2 year closure, hundreds of thousands of dollars, etc. Simply allowing use by mountain bikers would be ideal in this case and many others.	1
Open up a few single track trails to mountain bikes.	1
Open trails up to bikes	1
Open trails to mt bikes	1
Open trails to mountain bikes	1
Open trails to bikers!!!	1
Open the watershed up to more bike friendly trails PLEASE!!	1
Open sustainable narrow trails to bikes to diffuse users and promote equity of access	1
Open some single track trails to bikes.	1
Open singletrack to non-motorized bicycles. Ban e-bikes entirely — their only purpose is to let inexperienced cyclists ride farther faster and increase negative impacts. Motorized vehicles have no place in nature.	1
open singletrack to bikes	1
Open single track trails for mountain biking	1
Open single track to bikes	1
Open single track to all bikes including Ebikes	1
Open narrow trails to bikes. Allow trail advocates and volunteer groups to maintain and improve trail and other infrastructure. Let us ride and have responsibilities.	1
Open more trails to mountain bikers including single track trails.	1
Open more trails to bicycles to spread out the user group and make bicycling more enjoyable.	1

Open more trail to bikes	1
Open more single track trails for bikes! I'm mainly a runner but it's so unfair that so few trails are open to mountain bikers. Sharing trails works great in comparable areas like Bend and Boulder. Some hikers are way too territorial and downright abusive. We all want to enjoy the trails and we can and should share!	1
Open more single track to mountain bikers. I would also recommend allowing night riding by permit only on limited trails.	1
Open more of the trails/singletrack to mountain bikers, to spread out the use. Limit those trails to uphill or downhill only...like most modern outdoor parks ( see Bend OR, Park City UT, Jackson, WY, etc)	1
Open all trails to allow bikes and ebikes, just like the rest of the country.	1
One way mountain bike single track	1
Off-leash/voice control dog walking allowed	1
Officially allow class 1 ebikes! We are already there and there's no problem. Please make it official. And please open up singletrack to bikes!	1
Obviously, from my comments above, Mtn Bikers need access to most, not a few, single-track trails.	1
Obvious mountain bike trails being deemed legal. In addition trails that are deemed hiking and horseback only should be considered multi-use. Multi-Use models work all over the state and should be the standard - consider it.	1
Not enough trails and roads for bikes to get where they need to go	1
Northside trail open as multiple use on, at a minimum, a trial basis. It is a critical connector from the NE and W side of the mountain.	1
none. love it as it is.	1
None. Perfect as it is. The ebikes could be an issue. I mean, they can go 30 mph w/ no effort. I have had no problem w ebike people but I imagine it could be a huge problem. The bad apples will ruin it.	1
None keep up the great work!	1
None come to mind	1
no improvement needed - great job all around!	1
No horses. No ebikes.	1
No herbicides; improve Eldridge Grade near top More policing bikes on single track trails.	1
No further improvements.	1
No E-Bikes, frankly. More access to regular bikes, especially up hill.	1
No Ebikes no dogs off leash	1
No e bikes. IMBA-built singletrack loop	1
No e bikes, including pedal assist, and dogs on leash always	1
NO E BIKES!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!	1
No e bikes anywhere	1
no dogs. also clear dead brush. when a tree falls, you simply cut it down and leave it in place. there is tremendous deadwood around the trails. further, clear broom.	1
No changes.	1
No bikes.	1

no bikes or e-bikes on narrow trails; no e-bikes off paved roads; regular bikes OK on fire roads	1
No bikes on trails. Fire Roads okay for regular bikes. Trails are too narrow. On many there is no room to pull to side. Many bikers are rude and go screeching past and expect hikers to pull over. We had to jump out of the way of a speeding bike on the Benstein Trail, otherwise we would have been hurt. On places like the Pontic trial where bikes are allowed, the trail is designed to be wide enough to accomadate bikes. Water district trail are not designed that way. Most are very old trails- here when I started hiking 50 years ago.	1
No bikes on single track trails.	1
No bikes of any kind Dogs monitored to be on a leash	1
no bikes	1
night time usage allowed	1
Nicer bathrooms	1
Need more trails that allow use for all user groups (hiking, biking, horse). This includes user specific and multiuse trails and insuring everyone's experience on the trail is safe and enjoyable by making clear the trail etiquette that will avoid conflict.	1
Need more single track for MTB	1
need more mt bike friendly trails that are challenging. mixed use hours or something	1
Need more bike access.	1
Natural, single-track trails open to mountain bikes.	1
Narrowing of fire roads to reduce speeds and erosion, more coordination with Marin Open space and assistance for Marin Open Space as they clearly don't have the resources that MMWD has	1
My vision for Mt Tam. Build 100+ miles of biking specific trails. Build 50+ miles of hiking trails. Stop forcing everyone to use the TERRIBLE logging roads. This would encourage health, fitness, joy, and importantly love for nature. This would also create safe and purposeful interactions amongst community members in the mountains.	1
My EBIKE is my mobility device. With two new hips hiking is still painful and the EBIKE gives me the freedom to enjoy nature.	1
Multi-Use Trails! After Sunset Paid Permits. More Camp Sites. Remote Camp Sites. Bring back the Gravity Car Rides! An electric train with bike racks going up RR Grade would be super cool. More fuel reduction/fire breaks/controlled burns (Smokey the Bear was wrong and without fire the ecology declines unless the fire is mimicked with coppicing and chipping). More broom control (without glyphosate). Again: More Multi-Use TRAILS. Consider doing less Doug Fir removal in meadow areas; let natural succession happen. Don't close the gate at Pantol after sunset.	1
Multi use trails	1
Much broader access for Class 1 E-bikes, especially for older riders who often cannot make the ascents without assistance.	1
Much better forest management, which would make the hiking much more pleasant, not to mention would mitigate the affects of climate change. I spend several hours a week running through the watershed and have noticed many dead madrones and oaks (and, sadly, the redwoods are also starting to brown), many areas where there are dead trees and brush on the ground (fire hazard anyone!), and general overall unhealthy and mismanaged areas (for examples, there is a swathe next to Taylor trail and most of the area around Lake Lagunitas). The water district needs to take immediate action on creating a healthy and adaptive forest; not action next year or when there's money available. The climate is drastically changing, and the district must help the forest change with it. Another little thing is that the district should avoid bringing heavy trucks and machinery onto the fire lanes during the rainy season, which has caused a lot of erosion on half concrete pipe.	1
MTB trails!	1



<p>Mt. Tam needs more bike-legal trails, including single track. Mountain bikers are one of the largest user groups on the mountain, yet there is no accommodation for this group on Mt. Tam. In particular, mountain bikers are barred from single track trails, even in areas where riding single track is necessary to avoid dangerous, narrow stretches of road. This needs to change. The MMWD needs to come up with a plan to open some trails to mountain bikers, and reverse its unnecessary policy of persecuting one of its largest user groups. This will be an issue not only of fairness, but safety. More trails open to mountain bikers means all user groups can better plan their activities on Mt. Tam. Land managers across the United States recognize the need for an equitable number of multi-use trails. It's time for MMWD to do the same.</p>	<p>1</p>
<p>Mt. Tam is great. How about restoring West Peak, formerly the mountain's high point?</p>	<p>1</p>
<p>Mt. Tam is a multi use recreation area, I typically ride a non-motorized bike and come across e-bikers, hikers with off leash dogs, horses, etc. I believe that anyone complaining about coming across other users of this area need to remember that no one owns this space. Occasionally E bikers will be riding too fast uphill or out of control, or I'll come across a dog on the trail that's off leash, it's an annoyance but it's part of using this area and I don't believe that having E bike permit systems or reservations is a good way to control visitors. I would be opposed to adding any obstacles to visitors trying to get outside and have a good time</p>	<p>1</p>
<p>Mt. Bikes are only allowed on Fire roads. Enforce so there is absolutely zero tolerance for night riders. Protect all wildlife and endangered species to the greatest extent possible. Stop slapping scofflaws with a warning and get serious. Enforce and fine at a much higher rate. Require all cyclists to be licensed and have to take a test to pass. Car Drivers have to and I had to when I was a kid in Los Angeles to register my bicycle. It was a program that paid for enforcement. You have no greater responsibility than to protect our water quality and erosion from illegal trail use and building is a violation of so many laws including the Clean Water Act.</p>	<p>1</p>
<p>Mt. Bike specific single track loop trails that encourage riding in one direction. This would separate some mountain bike use from hike/equestrian use. Partner with local bike groups to design and maintain trails in a sustainable way. Charge a reasonable fee for use.</p>	<p>1</p>
<p>Mt. Bike access for singletrack trails is a necessity in the area</p>	<p>1</p>
<p>Mountain biking was born in Marin over 60 years ago, but now many areas are off limits. The accessibility of this region needs to reflect its users. A LARGE and eager group of cyclists await change.</p>	<p>1</p>
<p>Mountain bikers should be allowed on more trails</p>	<p>1</p>
<p>Mountain bikers represent a massive population in Marin that deserves mountain bike specific trails. Not ADA compliant smooth multi-use paths you could push a baby stroller on. That is NOT a mountain bike trail. A mountain bike trail is specifically designed for bikes and is challenging and enjoyable. We have huge high school teams, world champions and thousands of potential users in the mountain bike demo which is massively underserved in Marin. Brutal fire roads and smooth multi use paths are not mountain bike trails. Look at what Whistler, Bentonville, Ashland, Santa Cruz and others have done. Marin can do the same!! Please please do it. For the kids and grandkids of Marin.</p>	<p>1</p>
<p>Mountain Bikers have no access to single track trails in the watershed, even though they make up more than half of the usership of the mountain. All other municipalities allow mountain bikers on their trails. The MMWD keeps building access roads (like around 5 corners) but refuse to let MTB riders build trails at their own cost. This is just crazy. We all pay our water bills and taxes and still we can't ride one trail considered to be singletrack legally. We all ride all the trails illegally on a daily basis.</p>	<p>1</p>
<p>Mountain bikers do not obey restrictions and I have been very afraid of being runover at times. I now carefully select the trails I hike on to avoid the bikes. The attitude is very bad when I point out to them that they are on a no-bike trail. Bikes on the trails ruin the peaceful interaction with nature for me. Also they cause real fear as they treat the mountain as a recreational course and largely are not respectful to nature. I am really afraid of the addition of e-bikes that can go 30 miles an hour. That is a real safety concern.</p>	<p>1</p>
<p>Mountain bikers are a huge, important user group. The 'just say no' policy to bikes is harming our community and the watershed. The clear answer is more bike priority trails and in high congestion areas to safely separate user groups and more construction of sustainable, challenging and fun singletrack in more remote areas (where there are far more bikers than hikers). Mountain bikers will can provide funding and labor for any such projects. We are ready to be part of the solution and future of the watershed. Compromise and inclusion is the only way forward.</p>	<p>1</p>

Mountain Bike Trails	1
Mountain Bike Specific Singletrack	1
Mountain bike single track access.	1
Mountain bike only trails in congested areas and one way or alternating day mountain bike trail access in more remote areas. Biker-hiker conflict is a strong sign that access and usage is a problem not that mountain bikers are a problem.	1
Mountain bike legal single tracks please.	1
Mountain Bike access to trails. Or designated Mt. bike trails.	1
Mountain bike access on singletrack, and expansion of singletrack trail network to accommodate changing recreation patterns (the rising popularity of mountain biking).	1
Mountain bike access	1
Mount Tam is a spectacular wilderness mere miles from an A grade city. It is a large area with multitude of users that all deserve a good experience. With proper planning and design, a few mountain bike trails would help alleviate the inevitable conflicts that occur and reduce the number of illegally constructed social trails. I'm not proposing a destination type mountain bike mecca. But rather, some sensible, well constructed, single-track trails designated for mountain biking. Trails could be closed seasonally to ensure washouts do not occur and the mountain bike community is very open to volunteer activities to ensure trails are kept in good condition. As for e-bikes. I would propose allowing e-bikes on fire roads. Many within our community wish to remain active as they age and e-bikes provide an excellent opportunity to enjoy some nature while get some exercise. Signage can remind users of the rules. Open minds can help all of us enjoy this jewel in our backyard.	1
Mostly more biking access. I would love to see new trails, especially for bikes with maybe some biking only trails to reduce possible trail user conflict. But also, better parking. Many trailheads have lots of possible parking spots with no parking signs.	1
more/better restrooms, more benches along trails	1
more/better bicycle access.	1
More work to cut and remove broom from trails and roads	1
More water, better bathrooms, more bike accessible trails, more hike/bike-in campsites. Better wayfinding/signage.	1
More water storage. Bicycle-legal trails.	1
More water stations. Don't turn off water!	1
more water fountains, e bike restrictions	1
More water fountains	1
More water capacity. More trail access for bicycles.	1
More water access	1
More volunteer opportunities to control invasive plants	1
more uphill access for non-electric mountain bikes	1
More trout plants.	1
More trails for bikes	1
More trail access for biking (non- ebike)	1
More trails: Bike specific trails Hiking specific trails Horse specific trails Allow communities to come in and help build and maintain trails. Allow more avenues for trail and infrastructure funding.	1

More trails/areas where dogs can be off leash. More trash bins and water fountains. There could be certain single trails where biking is allied at particular hours. It's too bad that mnt bikers can't enjoy the beautiful single track trails (I am not a biker, just a walker/runner).	1
More trails, better signage of established trails, restoration of informal trails, some new trails for bikes-only, more days with roads closed to cars.	1
More trails!!	1
More trails! As a biker I would like to see more arterial options (such as Rail Road Grade) to access smaller trails (such as Coastal) so one could navigate in and around the West Marin area without having to use SF D, Hwy 1, or Panoramic. As a mtb and gravel biker I understand the issues of trail compatibility. But I think that can be mitigated by having dedicated cycling trails and hiking trails. I think what we don't want is the 'bike park' mentality to develop of a Soquel Demo Forest or a Skeggs. While those are great, I'm less interested with folks' shredding abilities and more interested in navigating the park - and the GGNP and Pt. Reyes without using the super-dangerous roads! Let's connect communities on dirt or bike paths that don't require interfacing with traffic. And protect pedestrians and their animals. E-bikers are dangerous to have on the same trails as peds. They should have specific trails they can ride on. But if you develop LOTS more trails that should be ok!	1
More trails!	1
More trails would help to spread users out in the space. Sustainably built trail would provide more equitable recreating opportunities. Suggested use trails eg directional bike trails in addition to hike only trails would reduce conflict. More singletrack trail of varying difficulty would reduce unneeded trail interaction, seems like now everyone is funneled on to a few trails or fire roads because there aren't viable alternatives. Eg the hike only trails are too steep so most hikers take the fire roads where bikes are forced because it's the only place they can ride.	1
More trails with dogs allowed	1
More trails to ride. It feels like there are only fire roads and VERY few single track trails	1
More trails that we can ride a bike on	1
More trails opened to Mt Bikes. Make it more inviting for all. Encourage more people to use the parks and open space. The more people use it the more the care about it.	1
More trails open to multi use including bikes and eBikes. More trails open to dogs.	1
more trails open to MTB	1
More trails open to mountain biking!	1
More trails open to biking	1
More trails open to bikes, such as trails hikers rarely use.	1
More trails open to bikes! Dogs on leashes.	1
More trails open for bicycles/shared with hikers	1
More trails if at all possible. Also, I generally know my way around, but a lot of the trail signs are confusing to newcomers and more hard map signs at junctions (a la "you are here in the trail network") would be really helpful.	1
More trails for mountain biking. Fewer horses as they cause a lot of damage. Less criticism of biking and bikes.	1
More trails for mountain bikes. More focused trail maintenance. Better signage. Potential for directional trails or bikes on trails certain days. Less focus on enforcement and more on maintenance. Make this a world class area to recreate.	1
more trails for mountain bikes as that is a large, if not the largest user group. Maintain social trails. Prioritize resident parking. Create policy whereby mountain bikers, equestrians, runners and hikers use the same trails just like everywhere else in the country.	1

More trails for mountain bike riders	1
-More trails for bikes. Bikes want as much safety as hikers do. No one wants to get hurt. -Alternate days when hikers and bikers use trails -Increase safety by using one directional trails -The biking community is well organized and is willing to contribute trail maintenance days to support water district needs	1
More trails for bikes!	1
More trails for bikers. It seems like bikers have the least access below hikers and equestrians and are limited to only the fire roads	1
More trails built. Need MTB trails. If you have trails for hikers only then it is only fair to have trails available for all user groups. Including bikes. Maybe safer if they are bike only.	1
More trails available to cyclists.	1
More trails available for bikes. Allow bikes to access to trails that had previously open to bikes.	1
More trails and trail access for biking	1
More trails and more access for bikes, in order to match the the current user base and interest in trail use in the watershed. Update knowledge of trail construction, employ trail construction crews (and mobilize volunteer groups who want to use the trails!) who understand topography and updated practices.	1
More trails accessible to cyclists and a limitation on ebikes. Would also love more off leash areas for dogs.	1
More trails accessible to bikes!	1
More trails accessible to bikes would be very much appreciated!	1
More trails accessible to bikes	1
More trails accessible to bicyclists. Mountain biking is a huge part of experiencing Mt Tam and one of the best ways to see it and cover the most amount of ground efficiently. Would be nice to have more trails opened up to bikes (maybe not ebikes on single tracks).	1
More trails access to all to allow folks to experience all of Mt. tam.	1
More trail maintenance, single directional trails (middle green gulch is great!), more bike access	1
more trail maintenance on rutted out fire roads and singletrack trails	1
More trail maintenance is always a plus.	1
more trail maintenance and more mountain bike trails.	1
More trail development for the different use groups. Restrict horses to fire roads since horses are often unpredictable and inexperienced riders can exacerbate a difficult encounter. Hardened bike trails for both regular bikes and e-bikes, engage the bike community to help build and maintain these trails. Also regular trail hardening for swampy areas in winter so users don't create their own trails to get around an 'underwater' portion of the trail.	1
More trail accessibility for bikers	1
More trail access.	1
More trail access to biking.	1
More trail access on the north side of tam would be nice.	1
More trail access for regular mountain bikes. Allow regular mountain bikes on selected single track during certain time of year at a minimum.	1
More trail access for people with limited physical ability	1
More trail access for mountain biking, the fire roads can get congested with all user groups and can feel unsafe at times	1

More trail access for mountain bikes	1
More trail access for mountain bikers. Specifically on singletrack trails.	1
More trail access for mountain bikers. Put back the signs for leave no trace for riders. Equal trail access for all users. Even if that means alternating days of use.	1
More trail access for mountain bikers. Mt. Tam is the natural resource jewel of Marin, and we all want to be able to enjoy the outdoor spaces it provides. But, mountain biking is prohibited or restricted in most of the area. Why? I would like to see a trail use plan that accurately reflects the user population in Marin and is inclusive to all trail usage types. Of these, MTB is currently the most disadvantaged. Mountain bikers are here to help. We regularly build and maintain trails in other parks both locally and around the country, and I know the community would volunteer at Mt. Tam if given the opportunity. There's no reason that multiple trail user types can't coexist. On most days, the trails are empty. If there's a concern about trail congestion during high-use times, let's explore methodologies that have worked elsewhere: even/odd use days, dedicated trail directions for MTB users, etc.	1
More trail access for mountain bike uses	1
More trail access for bikes. To my knowledge there is currently no legal singletrack for bikes. All bikes are currently concentrated on the few most popular fire roads causing additional traffic in already popular hiking areas. Fire roads are not interesting for riding and typically encourage higher speeds than a more technical trail where bike speeds are closer to walking/jogging.	1
More trail access for bikes, too many hiking-only trails.	1
More trail access for bikes, easier and more comprehensive permitting process, more parking below Phoenix,	1
More trail access for bikes!!!!	1
More trail access for bikes which are the largest user group consistently on the mountain.	1
More trail access for bikes and e-bikes	1
More trail access for bikes	1
More thoughtful access to mountain bike trails (not just fire roads). Lots of opportunity to be more inclusive and safer for everyone on the trails - hikers, bikers, horseback riders, and other recreationalists.	1
More staff patrolling the trails for illegal bike use.	1
More staff on trails to encourage good behavior,	1
More singletrack trails legal for mountain bikes	1
More singletrack trails for Mountain biking.	1
more singletrack trails for mountain biking	1
More singletrack trails for mountain bikes	1
More single-track trails for bikes; it's acceptable for these trails to be designated "bikes-only" if necessary, since there are currently trails for "hikers only".	1
More singletrack trails for bikes. Limit horses to fire roads.	1
More single-track trails away from fire roads which are slippery and hazardous.	1
more singletrack trails available to cycling, especially on trails that allow horses.	1
More singletrack trails available for mountain biking please!	1
More singletrack open to muscle bikes. EBikes for ADA only. Enforcement of leash laws!!	1
More single-track MTB trails. More parking for Phoenix Lake.	1

More singletrack Mt bike only trails. Currently there are quite a few hiking only trails. I think focusing less on equestrians since they seem to be in a huge decline compared to people with and without dogs and bikers..	1
More singletrack mountain biking trails. Dedicated mountain bike only trails	1
More singletrack mountain biking	1
More singletrack mountain bike trails	1
More singletrack mountain bike riding. Bike friendly everywhere.	1
More singletrack for mountain biking please!	1
More singletrack for mountain bikes with loops	1
More single-track for bicycles (if possible?)	1
More singletrack cycling access.	1
More single-track bike trails	1
More singletrack bike access and no e-bikes allowed.	1
MORE SINGLETRACK BIKE ACCESS + EBIKE ACCESS--Many options to make it safe for ALL users: 1. Alternate bike-legal days (Saturdays and Wednesdays for example) 2. Single-directional trails. 3. Proper signage to alert hikers that there are mtb users	1
More singletrack available to mountain bikes	1
More singletrack available to bikes. Allow responsible eBikes.	1
More singletrack and double track trails open to bicycles (not e-bikes).	1
More Singletrack Activity trails for Cycling	1
more singletrack accessible and legal for bikes and eBikes	1
More singletrack access towards bikes.	1
More singletrack	1
More single trails open to mountain bikes, and new single track trails created.	1
More single trail access for MTB and E-MTB riding in the upper harder to access trails that are less used by the majority of the public.	1
More single tracks or less steep fire roads	1
More single track.	1
More single track use for Mountain Bikes.	1
more single track trails, E-bike access to singletrack, separate trails for hikers and bikers or alternate days for safety, required parade saddles for horses, more access via public transportation, better parking	1
More single track trails that follow the contour lines	1
More single track trails that allow mt bikes. Could restrict ebikes to fire roads. Use of time and day restrictions to reduce conflict. So many locations across the country have created amazing new trails build for biking that is is shame the birthplace of mt biking is so far behind.	1
More single track trails open to bikes	1
More single track trails open for mountain bikes	1

More single track trails for mountain biking - ideally paralleling trails dedicated to mountain bikers so we can reduce tensions between cyclists and foot/horse users. Opening up some existing off-limits trails to mountain bike usage on dedicated days of the week would be a great start. I suspect many mountain bikers would be more than willing to pay for a pass to help fund new trail construction and maintenance - like China Camp or Tamarancho do today.	1
More single track trails for mountain bikes please!!	1
More single track trails for mountain bikes	1
more single track trails for mountain bikers; opening more existing trails to multi-use allowing bikers	1
More single track trails for biking	1
more single track trails for bikes. maybe make some of the more sustainable social trails work for bikes. It's about time we were included as a real user group.	1
More single track trails available to bikes. Single track that is bike specific.	1
More single track trail access for mountain bikes	1
More single track trail Access for mountain bikers. Understood that this is a contentious issue, but the mountain bike community in marin is large and diverse and should be afforded the same access to trails on Tam as other user groups. Unfortunately the anecdotes that are often offered as reasons why bikers on trails are unsafe are unrepresentative of the thousands of safe, healthy interactions that occur between hikers , bikers and equestrians every day all over the country.	1
More single track trail access for bikes (including ebikes), e.g., even/odd days	1
More single track to bikers. More friendly trail sharing!	1
More single track that allows bikes, more off leash trails for dogs	1
More single track score MTB. This is the birthplace of mountain biking and it should be encouraged.	1
More single track please	1
More single track or bike routing (ie downhill only). Continue to fill in a few gaps like Azalea Hill Trail / connection.	1
More single track open to Mtn Biking.	1
More single track open to mountain biking.	1
More single track mtb trails. Better maintenance of fire roads. Leveling of trails	1
More single track mountain biking. Jumps!	1
More single track Mountain Biking trails.	1
More single track mountain biking opportunities	1
More single track mountain biking accessibility	1
More single track mountain bike routes. More dog walking accessible trails.	1
More single track for mtn bikes	1
More single track for mtn bikers, please!!!	1
More single track for mtn bikers	1
More single track for MTBs	1
More single track for MTB, too many trails not being used by hikers the cyclist could be using.	1
More single track for mt bikers!! Suggest odd/even days so hikers can go without seeing bikes if they like.	1



More single track for Mountain Biking, ideally separated from hikers & horses	1
More single track for biking and hiking. Open everything up to all.	1
More single track for biking	1
More single track for bikes.	1
more single track for bikes, especially above 1500 ft. Single direction or open alternative days if that makes it easier.	1
More single track for bikes, direction bike specific trails, less congestion (give bikes other routes other than the main fire roads!), provide bikes access on rotating basis (odd/even, weekdays only etc.) to single track trails on mount tam.	1
More single track for bicycles. There are hiking trails that hikers NEVER use ex. Mickey O'brien.	1
More single track bike use, less restrictive	1
More single track bike trails. Grading of fire roads. Construction of less steep fire road or trail options	1
more single track bike trails and open up to ebikes	1
More single track bike trails	1
More single track bicycle trails. As a biker and hiker the more interesting and fun trails appear only available to hikers. Restrict e-bikes except for those who require assistance due to age or medical conditions. I see many e-bikers in remote illegal trails.	1
More single track being legal for bikes	1
More single track available to bikers.	1
More single track and features for mountain bikers.	1
more single track access for mountainbikes	1
More single track access for bikes/e-bikes	1
More single track access for bikes Restrict all e-bikes	1
More single track access for bikes and ebikes. This is badly lacking.	1
More single track access for bikes	1
more single track	1
More single or dual track trails for bikes!!!	1
More single track for my bikes	1
More signage with distances and links	1
more signage for trails	1
More signage - access to *** trail this way - cuts down on all the cut throughs More signage - please don't cut the trail, restoration area, keep single track single Education signage - bikes yield to horses hikers, slow and say hello, blind corner, area for nesting please don't disturb, short cutting trails causes blah blah amount of erosion every year	1
More signage	1
More sharing of trails. Why is it that we don't have designated days for bikes on trails, for example, Mondays and Wednesdays bikes are permitted on (fill in the blank) trail?	1
More shared-use trails	1

More shared use trails for bikes. Possibly some more share the road with bike signs, or bike signs painted on tarmac	1
More shared trails with bikes and hikers.	1
More shared trail usage between hikers and bikers. I'm sure not all trails are suitable for multi use, but having more would reduce conflicts between users.	1
More Shared access for bikes.	1
More separate trails for bikers and hikers	1
More sanctioned mountain bike trails	1
More restrooms with running water.	1
More restrooms and ports-potties!	1
More restrooms & trail signs. Fire prevention.	1
More restrictions/enforcement for dogs and dog rules. Additional trails open for bicycle access/use.	1
More restrictions and penalties for reckless bike riders	1
More respect attention and protection of the right of older hikers to hike in peace. Give access to bikers if any only on specific days. They have hundreds of trails available to them already.	1
more regulation of bikers. they are unruly and too fast. they run the watershed and get hundreds of non residents to demand everything for themselves.	1
More recreational access for bikes and ebikes.	1
More reasonable access to trails for bicycles.	1
More Rangers. Keeping the picnic tables and benches a little bit cleaner. More enforcement than that means costing people money not giving them warnings over and over for for taking their bicycles and trashing the mountain the mountain same thing for having their dogs on the mountain especially off leash. Better and more accurate trail signs.	1
More rangers. Enforcement of no biking and no dogs and no electric bikes policies. There is virtually no enforcement now. Policies are meaningless without enforcement.	1
More rangers to help patrol for fire safety.	1
More rangers to enforce rules,especially keeping bikes off single track trails	1
More rangers patrolling. Better trail signs.	1
More rangers patrolling the trails	1
More rangers out on trails or at least at junctions like 5 corners. Improve and scrape/grade the fireroads for the safety of hikers and bikers maybe if they are nicer for the bikers they won't be as inclined to go on single track trails illegally. What about a daily or annual pass or 5 year pass for visitors like a library card. \$5 for daily \$20 for annual \$40 for 5 year. Seniors over 65 and Students and kids under 12 could be \$5 for annual passes.	1
More rangers out on the trails. Permits for bicycles.	1
More rangers out and enforcing trail rules	1
More rangers on trails to get users, esp bicyclists and dog owners to follow the rules. Esp bicyclist illegal use of single track trails.	1
More rangers on patrol	1

More rangers need to be hired to strictly enforce the present rules so people will take them seriously. Many of the trails, single-track trails specifically, have been ruined by bicycles. The trails are v-grooved from all the bicycles and cannot even be walked on anymore. We have to walk with one foot on either side of the rut or completely hike somewhere else.	1
more rangers- enforcement of laws- elimination of all bikes from single track trails, firewatch and firesafety measures- need rangers and citizen volunteers and enforcement enforcement enforcement, protection of wildlife from high speed bikers and the destruction of habitat that grows by the day	1
More rangers and enforcement of rules.	1
More Rangers and better signage to enforce and inform dog owners and Bike riders of yielding to Equestrians.	1
More ranger/sheriff presence on trails. Plenty of workers driving but few/none walking the trails. Staff/volunteers at entry booth at Sky Oakes.	1
More Ranger presence for: Enforcement of leashing Reprimanding those who ride bikes on non-biking trails Reprimanding those who speed excessively on bicycles Enforcing E-Bike rules	1
More ranger patrols to keep bikes off of hiking only trails.	1
more pullouts or parking	1
More potable water	1
More potable water on fire roads / top of Tam and more control over unleashed dogs - really striking there is no water at Westpoint Inn. Also better control or restrictions with ebikes - people come out with zero experience and under-estimate the grades. I saw an older man on a very steep grade who had a serious accident on an ebike just a few weeks ago. He had to be taken out by ambulance. I have had specifically more negative experience with people on horses who seem disgruntled that I am on a bike, even though I voice in advance that I am behind and planning to pass on the left. Experiences with most other users are largely positive. And finally, reminders to stay to the right on trails!	1
More potable water higher up the mountain. I've been know. To drink from the non-potable sources on occasion. I do not like some long-term social trails closing. Fine if they're not on maps, but blocking...	1
more policing of mountain bikes on main fire roads. they go too fast too often!!!!	1
More places for drinking water.	1
More picnic areas. More signage they tells you routes back into other communities	1
more picnic areas would be nice, otherwise very good	1
More picnic areas	1
More pedestrian-only trails	1
More pedal bike access in watershed trails please!	1
More patrolling is needed to keep bikes off prohibited trails and to keep hikers and bikes on designated trails. Both bikers and hikers cut across switch-backed trails creating vegetation loss, erosion and ugliness.	1
more parking, security, cleaning up woods for fire prevention and to clear paths. Rangers enforcing fishing areas at Bon Tempe.	1
More parking in congested areas would be great.	1
more parking at Phoenix lake	1
More or actually ANY trails open to bikes. Fire roads are NOT trails!	1
More opportunities for "forest bathing" and quiet enjoyment of nature: hear the birds, see the wildlife, not get run over by bikes. A place to decompress.	1
more off leash areas for dogs	1

More narrow, multi-use, natural surface trails.	1
more multi-use trails would be great!	1
More multiuse trails that allow bikes	1
More multi-use trails for bikes. Bikes and hikers have decent interactions on trails. Less horse trails.	1
More multiuse trails (bike and hike) or special days where bikes can be used on trails reserved for hiking only	1
More multi-use trail access for bikes. Existing social trails could be used for new bike friendly trails, particularly in congested areas to improve safety for everyone. Opening up more trails for everyone reduces congestion for every user group, and once the users spread out further away from trailheads, trails get less heavy use, and there is more room for everyone and less conflict.	1
More multi-use or shared access to single track for mountain bikers. Mountain accessibility could better represent the communities using and caring for the mountain.	1
More multi use less restrictions on bicycle access.	1
More mtn bike trails and granting legal mtn bike access to more single track. I hike my dog up deer park daily and there are so many hiking trails over grown and not being utilized by hikers and are illegal to MTBikers. Tamo would not be as congested if you gave the mtn bikers more access to more trails.	1
More mtn bike single tracks, better trail signage	1
more MTB/gravel single-direction trails would be great!	1
More MTB trail building	1
More MTB specific single track. More enforcement of ebikes.	1
More MTB Singletrack trails	1
More MTB single track. We have great trail builders and outstanding knowledge on how to build trails - will generate revenue for the district and surrounding area.	1
More Mtb Bike access	1
More MTB and gravel bike trail access, keep water fountains/faucets on year round, require dogs on leashes except certain areas where they can be off-leash only if under strict voice control of the owners, limit ebikes to reduce congestion and reduce impact on trails,	1
More MTB access. Better parking	1
More mtb access.	1
More MTB access!	1
More mt bike trails with higher skill level challenges.	1
More Mt Bike access! Possibly Mt bike only days on certain trails a few days a week	1
More Mountain-bike trails!	1
More mountain biking trails/opening more singletrack	1
More mountain biking trails.	1
More mountain biking trails!	1
More mountain biking trails and routes.	1
More mountain biking trails	1
More mountain biking single track.	1

More mountain biking designated trails.	1
More mountain biking access with additional trails (there are already plenty of fire roads).	1
More mountain bike trails. There is so much space! Especially where use is low.	1
More mountain bike trails, please.	1
More mountain bike trails!	1
More mountain bike trails Fewer horses Days when mountain biking is allowed on singletrack trails.	1
MORE MOUNTAIN BIKE TRAILS PLEASE. Make the up hill trails multi-user with no e-bikes so everyone is going the same speed and then good (hard) downhill specie trails. Technical trails that are more difficult are less expensive than blue flow trails.	1
More Mountain Bike trails and ability to ride after sunset	1
more mountain bike trail access	1
More mountain bike terrain whether it means new trails or access to existing trails. There are many trails on mount tam with really low use by hikers (International, Northside, CC Boys, Mickey O'Brian, etc.) due to their remote locations, allow bikes to use those trails (either at all times or on a rotating basis (e.g., weekdays only or odd/even dates)). Mountain bike can access the more remote areas and would help spread users out and away from busy areas. Even prohibiting bikes on weekends could be an option as that is often the only time hikers make it out that far. Adopting a week day only for bikes or even/odd calendar day access would be one way to allow more bikes and allow individuals to access trails with less conflict. Additional single track terrain all over mount tam and on the south side at lower elevations would be ideal and help spread out as well. Permitting eBikes only on fire roads and not on any new/existing singletrack would be OK (unless ADA eBiker).	1
More mountain bike specific trails. Let the riders build them and maintain them.	1
More mountain bike specific trails! Ideally something would descend from the top of the mountain to the bottom with features and ride arounds. Viewing our municipalities in the State of California, this wouldn't be hard to achieve.	1
More mountain bike singletrack	1
More mountain bike single track (MTB only) and multi-use oriented trails with focus on MTBiking. MTBikers should always be aware and follow rules of trail use by slowing for others but trails specific to MTBiking, especially in the place where MTBiking all began, would be a huge improvement. There is a big community of respectful and environmentally conscious riders who would love that.	1
More mountain bike restrictions. They go too fast and are often reckless. Allowing e-bikes would only make things worse.	1
More mountain bike legal trails Maybe even single direction trails	1
More mountain bike legal trails	1
More mountain bike friendly trails.	1
More mountain bike friendly trails	1
More mountain bike friendly and specific trail access. Namely, singletrack.	1
More mountain bike dedicated trails. Keeps it fun for the cyclists, prevents hiker annoyance.	1
More mountain bike dedicated trails	1
more mountain bike centric/only trails. More speed enforcement of bikers.	1
More mountain bike accessible trails Better trail signage Continued road/trail maintenance Continued limits to parking to encourage people to bike to trailheads	1

More mountain bike access. There should be dedicated bike trails, just as the hikers/equestrians have their dedicated trails.	1
more mountain bike access. Perhaps allocating alternating days btwn mountain bikes and hikers on certain desirable single track. trails.	1
More Mountain bike access!	1
More mountain bike access to singletrack.	1
More mountain bike access to a lot more trials. Singletrack! Ebikes on fireroads only. Real bikes everywhere.	1
More mountain bike access on singletrack. Even if some trails have access on certain days of the week. Whatever it takes to get more singletrack access.	1
More mountain bike access beyond fire roads.	1
More mountain bicycle accessible trails, for example allowing bike access to smaller (currently hiking/equestrian only) trails during off hours.	1
More mob access with single track use	1
More legal trails for mountain biking.	1
more legal trails for biking	1
More legal singletrack mountain biking trails	1
More legal singletrack for mountain bikes.	1
More legal single-track for bikes	1
More legal singletrack for bikers	1
More legal singletrack	1
More legal single tracks for mountain bike	1
More legal single track for Mtb users	1
More legal single track for Mountain Biking Please!	1
More legal single track for mountain bikes	1
More legal single track for mountain bikers	1
More legal single track bike trails	1
More legal mountain bike trails	1
More legal bike trails. It's an absolute shame that the majority of trails are not bike friendly. We desperately need to work on/fix this by allowing more bike access	1
More legal bike trails without changing the trails. Certain trails are not used by hikers at all and would make excellent trails to "donate" to mountain bikers.	1
More legal bike access to singletrack and class 1 ebike access	1
More legal bicycle trails.	1
More legal and purpose build trail for mountain bikers.	1
More legal advanced singletrack for bikers	1
More legal access for mountain bikers on singletrack trails. Also would like to see the ability to link different trails together to avoid illegal Trail use.	1

More interesting and safe bike-specific trails that allow mountain bikers to have a better recreational experience without bothering hikers.	1
More interconnective dirt trails for bicycles and e-bikes.	1
More information about fishing at Sky Oaks Monthly day use parking permit for Sky Oaks Road side parking at Sky Oaks in more areas near trails	1
More inclusivity and access for bikes.	1
More inclusivity among user groups on existing trails and ability to expand trail systems for all (especially for mountain bikers).	1
More inclusive policies. Why are equestrians (99pct old rich white people) treated as VIPs, while bikers (younger, more colored, poorer) treated as second class citizens?	1
More inclusive by allowing bikes on trails	1
More inclusive bike routes. Single track experience. Shared use strategies in busy areas. Utilize visitor drive on date to allow for a dialogue on opening previously closed trails. Identify potentially sustainable social trail corridors to create new trail opportunities for bicycles while removing unsustainable trails.	1
More inclusion for mountain bikers. More equity of trails for one of the largest users groups and growing that use my tam. A trail plan that better fulfills the needs of all the user groups. More singletrack access for mountain bikers.	1
more historical and cultural references / reverence to the first peoples and their way of life while providing insights to to how we and modern people can live with a better connection to the natural world and that enhances our lives immesurably	1
More hiking trails	1
More hike and bike campsites	1
More grooming of trails and removal of scotch broom.	1
more gravel bike trails, more bathrooms	1
More free parking	1
More focus on the mountain biking community. That's it: focus on access and education for bikers.	1
More fish, please :-)	1
more fish	1
More fire safety work.	1
More expansive use of bikes on trails and more trails built specifically for mountain biking. Additionally using more approaches to reduce conflict between different trail users via alternating days (for example bikes allowed on even days), or separate trails. Tam could be a world class mountain biking location while also satisfying other users at the same time. I would also like to see safe ways to connect critical parts of the biking experience. For example having a way to connect the bottom of coastal view trail with deer creek fire road without going on highway 1.	1
More equitable access for bikes on trails.	1
More equal access for all users of the watershed regardless of background. Personally I would like to see more access for mountain biking but I also hike and walk my dog and I want everyone to be able to access the mountain. I'm willing to take turns and schedule my visits to ensure there is equal access. It's important to me that the program going forward is safe, equitable, and sustainable. We need a long term program that is fair to all. Thank you for tackling this project!	1
More enforcement on leash and voice command policies.	1
More enforcement of the trail rules with regard to bike access. and speed. Also with regard to dogs on leash. more frequent clean up of picnic/ sanitary areas.	1



More enforcement of speed and passing in congested areas	1
More enforcement of dogs off leash, class 2 and 3 ebikes (non - pedal assist). Access for bicycles on narrow trails and paths deemed appropriate by environmental professionals.	1
more e-mtb and mtb access, added trails, and connectivity from trail to trail for bikes of all types.	1
More efforts to encourage folks to keep their dogs on leash.	1
More education for people to use the less common parts of the mountain to reduce congestion	1
More drinking water availability	1
More drinking water access and more mountain biking trails	1
more dog-friendly trails on Mount Tam	1
More dog friendly trails. Better planned MTB trails.	1
more dog friendly trails	1
More designated trails that are MTB specific. I find it odd and frustrating that with all of the land in the Water District and the popularity of MTB'ing that there are not more trails. Even in remote areas where there are never any hikers, fire roads are the only trails bikes are allowed on.	1
More dedicated trails for bikes.	1
More dedicated trail work, as the trails are the worst I've seen them in decades, with very few improvements.	1
More cycling access to single track, even if it's directional, or time restricted use. The firetrail cyclists are able to access allows for much faster speeds, while being less enjoyable	1
More cycling access across the board.	1
More consistent water fountains up top (I think filtration has been an issue but unclear why they're off sometimes), car/bike interactions on pantoll are hard because it's so skinny	1
More consistent trail maintenance and enforcement of e-bike laws.	1
more camping	1
More booking specific legal single track	1
More biking trails and improved fire road conditions	1
more biking trails. single track trails would be ideal. allow ebikes. more rest rooms at various trail locations.	1
More biking trails.	1
More biking trails and single track, use signage and other methods to encourage hikers to not use fire roads since so many other trails are hiker only	1
More biking specific trails. This benefits everyone. Just a couple would alleviate a ton of stress for all users.	1
More biker trails	1
More bike-legal trails and single track More fresh water access points	1
More bike-legal singletrack!	1
more bike-legal single track	1
More bike-friendly trails. Biking is a great form of exercise and although 1 in 5 mountain bikers are assholes, the majority of bikers are really benefiting from getting great experience in Mother Nature.	1
More bike-accessible trails	1
More bike-able trails and more mountain bike trails	1

More bike/ebike access	1
More bike use on trails The following question does not work on mobile devices. I would welcome directional trails if they opened up more trail use for bikes. More trail connections would be fantastic to open flow of traffic.	1
More bike trails. Requirement of having bells on bikes to alert ascending people	1
More bike trails. Bikes are treated as second class citizens.	1
More bike trails. Prohibit all ebikes.	1
More bike trails.	1
More bike trails, no e-bikes	1
More bike trails! Right now 99.9999% of trails are off limits to bikes. That's just insane. The people who make these decisions should try driving to another town once in a while. It doesn't have to be this way. And why don't they let people swim in the lakes? Build more parking so more people can enjoy the area. Build some restaurants and coffee shops around the place and raise some revenue. There used to be resorts and trains going up Mt Tam. We're in a major metro area. Now it mostly sits empty. Most people just hike on a few fire roads leaving the trails unused. This isn't the Alaskan wildlife refuge. Why is it illegal to do anything fun in our wonderful open space? All you see are signs that tell you what you can't do. Why don't you just put up one big sign that says "absolutely no fun of any kind!"	1
More bike trails other than fire roads	1
More bike trails connecting to other bike-legal trails, allowing more complete routes, and avoidance of riding on the road. Example: Having to ride on Bolinas-Fairfax road to Pine Mtn Fire Road from Bullfrog Road (the new trail from there to Azalea Hill is not bike-legal)	1
More bike trail access, so bikers don't need to be restricted heavily on trails. For all visitors of Mount Tam to be able to coexist on the trail without need for regulation (in certain circumstances)	1
more bike trail access or building	1
More bike trail access	1
More bike specific trails	1
More bike singletrack and connections to neighborhoods and parks throughout Marin	1
More bike routes and access with clear trail markings.	1
More bike priority trails would be great! it can get crowded in some areas, bike trails would make it safer for everyone. social trails further from busy areas should be open to bike priority	1
More bike paths. Looking forward to the new trail from alpine up to the parking lot but the amount of time taken and burning the brush is inexcusable especially considering we're trying to prevent more carbon into the air	1
More bike only trails	1
more bike legal trails. the hikers dont use them anyway.	1
More bike legal trails and single track. We're talking about bikes, not motorcycles. They are one of the most straightforward forms of transportation. The grumbly old hikers need to accept that people enjoy themselves when on a bicycle and adopt a more inclusive mentality.	1
MORE BIKE LEGAL SINGLE TRACK. I would like bike racks at trailheads, like Deer Park and Lake Lagunitas, so that I can bike there for a run/hike and lock my bike to something other than a tree. I'd like better enforcement of leash laws, particularly on the trails above Deer Park Trailhead (Deer Park Trail, Upper Yolanda, and Six Points).	1
More bike legal single track trails.	1
More bike legal single track trails	1

More bike league single track trails.	1
More bike lanes, better signs, water stations,	1
More bike friendly trails!	1
More bike friendly single track.	1
More bike accessible trails! Also great to see maintenance of fire breaks and fire roads.	1
More bike accessible trails	1
more bike accessible singletrack trails to ease congestion	1
More bike access...	1
More bike access/bike friendliness	1
More bike access. Everywhere. I don't care about congestion. I want to ride a bike, responsibly, on trails that are not fire roads.	1
More bike access. As it is pretty much all the single track is illegal. This creates needless conflict and vitriol at a place which should be an escape from that sort of thing. The science does not support mtb being a unique hazard to single track trails, and certainly not to an extent which necessitates absolute prohibition.	1
More bike access.	1
more bike access, perhaps more trail maintenance	1
More bike access, e-bikes need some better regulation but non-electrified bikes should be able to use a lot more trail. Support it with passes and community work events like China Camp does, the mountain biking community has a lot of good to give for shared access to our natural resources!	1
More bike access! E-bike and regular.	1
More bike access!	1
More bike access with odd/even days to prevent trail conflict. Trails built and maintained by mountain bikers, who understand grading/watershed dynamics. Mountain bikers are also the best and most consistent steward of trails. It's really disheartening to see so much discrimination against a group that advocates for the environment and trails. The hikers/nature walkers shouldn't be able to have so much control over a shared public space -- it's discriminatory.	1
More bike access to trails, especially trails where a mountain bike can get far into the back country which will ease access issues for users. I often encounter almost no one when I have ridden 3 or 4 miles from a trailhead. Create new bike-only single track utilizing old social trails. Riding on fire roads is dangerous for ALL users.	1
More bike access to single-track trails	1
More bike access to single track trails the watershed has to offer. Allow bike trail organizations to come help manage/maintain bike trails. limit e-bikes to fire roads.	1
More bike access to single track or narrow trails with technical features.	1
More bike access to single track	1
More bike access to reduce congestion on the few trails I'm allowed to ride on.	1
More bike access to narrow trails. Opportunities for loop routes from a single trailhead that would take 1-2 hours. Climbing routes with a grade of 6--8% average.	1
More bike access to all trails.	1
More bike access please. Connect out and back fire roads to make loops instead of dead ends.	1
More bike access please!!!! Single track trails for bikes (including downhill). Better shared use policies for bikers / hikers (e.g. alternating days or times). Directional trails for safety and congestion.	1

More bike access on trails!	1
More bike access on trails	1
More bike access on singletrack trails	1
More bike access on single track trails	1
More bike access on select single track connectors. For example a dirt connection between the top of Eldridge and Rocky Ridge. To connect those two trails currently one must ride among the paved ridge road.	1
More bike access normal bike and ebike	1
More bike access even if limited to certain days of the week, speed limits enforced for ebikes	1
More bike access and more enforcement of dogs having to be on leash	1
More bike access and bike only trails	1
More bike access-- safe access on roadways, and more access to trail riding.	1
More Bike & hiking Trails	1
More bicycle trail access, increased broom control, more trail maintenance	1
More bicycle speed and single track use enforcement.	1
More bicycle access. A tiny group of bike haters masquerading as environmentalists seem to have undue influence on the MMWD Board and staff. I would like to see horses restricted from the lakes and streams to reduce pollution and algae blooms. Equestrians should have to remove their horse feces from trails so that the trails are accessible to those with autoimmune problems.	1
More bicycle access, birthplace of Mt's being one of the most restrictive is very sad.	1
More bicycle access to single track trails, restrict horses from some routes. Horses are scary when encountering on my bike.	1
More bicycle access on trails!	1
More bicycle access	1
More Bathrooms. Fewer closed trails.	1
More bathrooms, drinking water. More Mt bike trails, maybe even some bike only trails Improvements to the fire roads	1
More bathrooms on trails and other visited areas.	1
More attention paid to the ecological health of Mt. Tam. I have noticed a lot of tree removal in areas around Lake Lagunitas, Cataract Falls and elsewhere on Mt. Tam, but some of it doesn't make much sense as it is not necessarily dead trees that are being removed, and in some areas dead trees are not being removed. It all seems rather random. I think we need better forestry planning.	1
More assists (suggested loop hikes) and educational materials (printed, interpretive installations) to illuminate the mountain's unique biomes, history, uses	1
more areas for off leash, more new trails connecting watershed	1
More and easier access for people with walking limitations.	1
More accessibility; so many great areas like Natalie Coffin park are limited by tiny parking lots and no street parking- makes it hard for anyone other than Ross residents to access all the great trails from there.	1
More accessible mountain bike trails that are usable but presently not allowable to mountain bikes	1
More accessibility for mountain bikes, including e-bikes. More picnic areas More signage, especially in areas without reliable cell coverage	1

More accessibility for bikes and eBikes.	1
More access to trails via bicycle	1
More access to trails on bikes. Riding on the double track fire roads promote high speed and are more dangerous due to loose gravel and dirt	1
More access to trails for mountain bikes. If you're going to claim the sport was invented here, let us ride the trails. I'm also a runner and hiker. It's not that hard to share.	1
More access to trails for mountain bikes.	1
More access to trails for cyclists	1
More access to the trails single track for bikes	1
More access to singletrack trails for non-e-bikes. Make some trails exclusive for bikes and don't allow hiking or horses on those trails.	1
More access to single track trails for mountain biking. See the management plan on the Tahoe Rim Trail and elsewhere.	1
More access to single track trails for mountain bikers without having to "sanitize" trails. We need a multi use "everyone gets along" model similar to Annadel State Park	1
More access to single track trails for biking. Less eBikes - they ride too fast and the users typically do not know proper trail etiquette	1
More access to single track to non-ebike mountain bikes. There has to be a better way to accommodate the booming population of mountain bikers with so many underutilized single track trails.	1
More access to single track for mtbs	1
More access to single track for mountain biking. There currently 2 trails on the entire mountain: coastal and tenderfoot. Two (2) single tracks for biking. Two.	1
More access to single track for cyclists.	1
More access to single track for bikes. Open more trails. Even days for hikers, odd days for bikes, night access for bikes. Anything more please: the rest of the country has far surpassed Marin - the birthplace of mountain bike - with more access, more new trails, better management, more balance with other users. Marin has hikers actively sabotaging trails to prevent bikers from using them. Someone is going to get hurt.	1
More access to single track for bikes. Maybe even/odd days	1
More access to single track for bikes and e bikes. The rest of the country has multiple use trails with little or no hostility between user groups, why does my tam differ from the rest of the state and country??	1
More access to other trails on both Ebike & regular mountain bikes. MTB community members help with trail maintenance and restoration projects. Build mountain bike specific trails, one way if needed.	1
More access to mountain biking. Allowing more single track trails to be accessed or building new designated trails to reduce conflict with hikers and equestrians.	1
More access to Mountain Biking trails. There is limited terrain for Mountain Bikers and the majority is fire roads. In addition, there are some obvious gaps in the trail system to connect Mountain Bike trails, forcing mountain bikers onto the road. In particular: Mountain Theater to Pantoll, Coastal Trail to Miwok Trail and uphill out of Stinson Beach	1
More access to mountain bikes on single track trails	1
More access to more trains for bikes	1
More access to more trails for bikes. We constitute a large percentage of Watershed users and are dramatically underserved. More access to more remote trails would spread users out and reduce bike use on high-speed fire road areas, reducing user conflicts. Bikers also represent a large pool of maintenance labor, as evidenced by work done nearby in areas like Tamarancho and metro San Francisco.	1

More access to bikes. Especially on the less trafficked rough trails that are the types of trails that many bikers seek these days	1
More access to bikes on trails	1
More access to bikes on single track trails	1
More access to bikes	1
More access to all users	1
More access to (single track) trails for mountain bikers.	1
More access for youth MTBing on single track. Many youths in other states and counties have access to amazing MTBing for training, but the Repack division that includes Marin and SF does not have access to Mt. Tam's many offerings.	1
More access for the mountain biking community. I see more people on mtn bikes when I am enjoying the watershed than I do hikers. I maybe see equestrians once every 2-3 weeks. The majority of other California Counties embrace the addition of mountain bikes into their systems of fire roads and trails. I would specifically like to see access to single track trails. The mountain bike community is well known in the area to provide trail maintenance as requested by the water district's needs. Currently it seems as if the district prioritizes hikers and equestrians over bikers regardless of the yearly increase in bikers as a user group. Allowable uses do not appear to provide fair access distribution amongst groups. Biking access solutions can be developed by evaluating how other counties achieve success in their multi use trails. Create bike only trails. Set on/off days for user groups on some of the trails that are further out where minimal interaction between bikers and hikers take place	1
More access for single track mountain biking	1
More access for people in Marin who don't currently feel welcome or included in using our shared outdoor spaces.	1
More access for mountain biking on single track trails	1
More access for Mountain Biking	1
More access for mountain bikes. You could even charge us to ride but please let us enjoy it as others are able to do so freely.	1
More access for mountain bikes. We need more mountain bike specific trails or create a system in which mountain bikers can use hiking trails. The amount of mountain bikers accessing the watershed has probably doubled (or tripled) over the pandemic. Stop ignoring this issue. When I'm trail running on trails that don't allow mountain bikers, I run into riders all the time. I sympathize with them as there is nowhere else to go. It's dangerous. Issuing tickets, hiring rangers, and paying the Sheriff to patrol trails are bandaids. Work with local advocacy groups to improve Marin's mountain bike networks, PLEASE!	1
More access for mountain bikes. There has to be a way to open some of the trails (not just fire roads) to bikers. Figure out something creative; if open access is too much. Do alternate days or allow riding at night. Maybe even require active bells on bikes while on trails. It baffles me that the smartest people in the country live in Marin, but we have the most draconian laws preventing bikes on trails. If places like Tahoe and Ashland OR can figure it out, why can't Marin?	1
More access for mountain bikes on single track trails. Maybe certain times/days mountain bikes are allowed?	1
More access for mountain bikers. We are the birthplace of mountain biking, and Marin has an ever growing population of recreational mountain bikers. We deserve accessible, equitable and fair access to trails. We can build trails in environmentally responsible ways, to minimize sedimentation and negative impact. Most mountain bikers are nature lovers, land stewards, and responsible folk, we deserve trails dedicated to our sport in our backyard.	1
More access for mountain bikers.	1
More access for mountain bikes please	1

More access for ebikes	1
More access for dogs off leash and bikes	1
More access for disability and strollers	1
More access for cyclists.	1
More access for biking.	1
More access for biking on non-fire road trails.	1
More access for bikes. education for the foot people...	1
More access for bikes. Open up more Singletrack that hikers rarely use or use the even/odd day . You are forcing bike to ride fireroads that are most frequented by hikers and it's too crowded	1
More access for bikes. Trail conditions are very inconsistent, some are in great shape, and some are in desperate need of maintenance. I would like to see a greater focus on trail maintenance and wildfire fuel reduction.	1
More access for bikes.	1
More access for bikes, plenty of trails on the west side that should be used. Stop being anti bike.	1
more access for bikes, including single track trails, more off leash dog trails and allowing swimming in at least some of the lakes	1
More access for bikes!!! It's crazy how this is the 'birthplace of mountain biking' and yet bikes are really only allowed to use the fire roads on Mt. Tam, (with a few exceptions).	1
more access for bikes so that hikers and bikers have less interaction bike i am sure that cyclists make up a big percentage of users of the watershed and that is not reflected by the amount of trails and access we have.	1
More access for bikes on trails. The current allowed bike trails are so frequently used that it's clear we need more access.	1
More access for bikes on singletrack	1
More access for bikes on less miserable trails. Need more entry-level single track for slower, more out of shape riders	1
More access for bikes including eBikes	1
More access for bikes beyond fire roads.	1
More access for bikes and more trail markings	1
More access for bikes (conventional not e-bikes)	1
More access for bicycles. Restrict e-bikes to fire-roads and give regular, human powered conveyances the access they deserve. At a bare minimum all bikes access to any trail that allows horses. The horses too more damage to the trails than the bikes. The data/research supports this claim.	1
More access for bicycles on trails	1
More access for all trail users. Create bike specific trails so there are no conflicts. Or adopt the Tahoe Rim Trail model and allow bikes only on even number days	1
More access for all trail users not just horsey-Karen's.	1
More acceptance of bicyclists, more access to narrow trails for bikes	1
More about how to treat the mountain and other visitors with respect. I'd be ok with getting an annual permit committing to leave no trace and other respect principles if it meant being able to hold people who don't follow them accountable.	1



More (pedal) mountain bike access!	1
Monitor and ticket bikers	1
MMWD needs to expand access for mountain bikes on single track trails. Years of neglecting the biking community has led to over congestion and user conflict. Mountain bikes are here to stay. The biking community is here to help and wants to contribute to equal access and representation. Consolidating all biking access to fire roads has been a disaster and has led to the development of unsanctioned trails. MMWD needs to fully evaluate adding many of these sustainable sanctioned trails which have been around for decades to the trail system to reduce congestion and provide more opportunities for cyclists. MMWD also needs to allow for the public to be more involved in trail work and maintenance opportunities so that it reduces budgetary impacts to MMWD and allows users to contribute and take care of the tax payers land.	1
maybe limit ebikes to off hours. more information to educate doge walkers that like to have dogs off leash. Let them know others in the area might not like dogs, or be comfortable around them and most people definitely don't want them near when they have been through poison oak.	1
Maybe hiking only times or trails? Maybe mountain biking times on certain trails?	1
Maps, not everyone have proper trail mobile apps. Water station and Repair station on Old Railroad grade is so nice. Would be great to see more of that. Also cell service but maybe too difficult.	1
Making more single track trails available to bikes and ebikes	1
MAKE THE TRAILS BIKE LEGAL	1
Make the trails / fire roads more rain resistant so they don't get deep ruts. In SoCal, there are buried water boards with rubber diverters on trails so that water doesn't create gullies / deep ruts in the trails. It would be great to see this, or a similarly effective strategy employed	1
Make the top of Eldridge Grade less rocky. :)	1
Make the single track trails legal for bikes. Maybe make a system where bikers can ride certain days and hikers on the other days. Also, maybe more places to dispose of dog poop + a fine (this might already be a thing) for leaving dog poop around. I have been seeing bags of dog poop on the sides of the trail, which I feel really disrupts the environment.	1
Make Tam fire roads like those in Pt. Reyes. The gravel is small and pressed into the road. 40 years ago the water district used to have a scraper operator whose only job was to grade the roads properly, we used to see him all the time until 30 years ago, since then the roads and trails have become overgrown, rutted and slippery/dangerous. We as horsepeople and hikers used to have a system of singletrack trails that paralleled the main roads, we could use them instead of being with the speeding bikes, The water dist won't let us keep them up but they don't either so they have become unusable. Elliott trail, Hidden Meadow, Madrone to Pumpkin Ridge, Pumpkin Ridge to Lagunitas parking lot.	1
Make it clearer where dogs are & aren't allowed, and actually enforce it (e.g. stiffer fines for dogs on non-dog trails).	1
Make access to trails for all interest groups. Us Mtn Bikers pay hundreds of Millions in Marin Taxes yet we have very little access. Is there really a case for erosion and danger for hikers? For erosion, No as long as the trail is made well, re hikers, there's been 1 or 2 incidents over the last 35 yrs... .001% Potential Solutions: (a) designate an area, like Pine Mtn for trails, Cascade Canyon (b) odd/even days for certain trails in MMWD... not the highly trafficked hiker routes. (C) development of new trails to be inclusive of local mtn bike trail builders	1
Maintenance of stairs/steps: repair wooden borders and remove weeds.4	1
Maintenance trails	1

Maintain access for non-powered bikes. Current access levels for non-powered bikes should not be reduced by consideration of E-bikes. If necessary - E-bikes should have a separate regulatory category. Permits might be ok, but should be affordable. Put up access signs for all bikes, defining a three to five point 'code': 'Safely sharing the road'. Language needs to be concise, and double spaced - in large-ish letters. Hours of access should go later "with safety lights required!"... If the Golden Gate Bridge can do it, so can MMWD. Many working people can hardly go at all in late fall or winter due to work hour conflicts. Very frustrating. There are many good trail light options now for both bikers and hikers. Parking lot could close later as well. In winter we get fat and unhealthy, in part due to limited outdoor access. Sunlight (or its lack) should not be the 'deal breaker' - given a requirement for a 'trail or bike light'. Thank you for asking!	1
Lower speed cars	1
Love the access ...great resource to have near by . I see very few people on my rides during the week . The weekends can be more crowded but only with in 1-2 miles of the parking lots.	1
Love Mt. Tam! More trail signage would be great and maps of the overall place. :)	1
Loop creation. For example: Up Eldgride, West on Northside, Down Rocky Ridge. Alternating day access to narrow trails. For example: Northside- bikes odd days, hikers and horses even days. Use of specific trails. Besides hike only, add bike only and horse only.	1
Live up to the expectation that Mt Tam is a world class mountain biking destination, historically and today.	1
Little bit better maintenance on trails	1
Limiting weekend crowds.	1
Limit size of kids bike camps!!! I've been hiking/dog walking and had groups of 15 kids on bikes on single foot trails as well as fire roads almost run us over 🤬🤬	1
Limit ebikes--drive too fast, cause too much erosion( especially with increased speeds and use of single tracks), safety hazard to hikers and other bikers	1
Limit Ebikes as they go so fast especially on the single track trails feels dangerous.	1
Limit dog use and access to the watershed.	1
Limit bikes to fire roads. It's very dangerous when you're hiking on a single track trail and encounter a bike.	1
Limit bikes to fire roads	1
Like Yosemite or Muir Woods, limit the number of visitors per day.	1
Like to see better trail maintenance along coastal view Trail. And I would like to restrict E bikes to people over 65 or with disabilities. I would like to see more single track trails available to bikes.	1
Like so many other areas, allow alternate day use of single track trails for mountain bikes. It works well in so many places and Marin is so backwards and behind the times, not keeping up with dramatic increase in number of bikers relative to number of hikers.	1
Letting mountain bikes have greater access	1
Let dogs and bikes access more areas and widen paths and roads so we can all enjoy together! And please add protected bike lanes on the roads.	1
Less trucks driving up and down fireroads in the mud	1
Less trail erosion. More native plants planted	1
Less restriction on trail access	1
Less people, haha	1
Less enforcement dollars and energy limiting and hassling bikers.	1

Less E bikes speeding, mountain bikers (I am a mountain biker myself) need to be more respectful and considerate of other trail users (majority are considerate but bad apples make a negative impression) more single track trail open to cycling, improved bathrooms and signage.	1
Less e bikes	1
Less city people, more restoration of natives species	1
Less citations for mountain biking. Seems a waste of resources for a harmless activity.	1
Less cars	1
Less bikes or more respectful riders at least.	1
Legalize all single track for mountain bikes. Ban all ebikes, that's the real reason trails get torn up. You put people who don't know how to ride bikes in the first place on a 50lb tank with downhill tires and 4 piston brakes, they essentially just blow out all the trails and more delicate single track. On a cross country bike that weighs 25 pounds there's not much damage to be done because quite frankly if you are able to ride tam on an xc bike you aren't going very fast anyway. Also a solution would be making single track open to bikes on certain days of the week. There's is 0 bike legal single track in the water shed! Honestly I could care less if the trails are ever made legal, poaches will continue to poach mfs!	1
Legal singletrack for mountain bikes. E-bike access.	1
Legal single track access for bikes.	1
legal mountain bike trails	1
Legal biking	1
Legal bike access to existing single track trails, especially those relatively remote from parking areas that see very little visitation from other user groups. More single track trails accessible to bikes that are rugged and narrow (i.e. not a vehicle access road like the azalea hill project) that, by design, require slower speeds.	1
larger maps at major intersections	1
Kindness signs. I like those and feel people can just relax on "Nextdoor" sometimes. For all the days and years I have enjoyed the watershed, I can only recall one negative interaction. We can all enjoy it. Single track trails with nice signs for Mtn bikers would be great to see in undeveloped areas. Tahoe is a fine example there. Keep up the great trail and fire thinning work! If it's good, make it better, worry less about the rules for those complainers. I see respectful, kind and helpful people there every time.	1
Keeping trails open for biking, honestly- I worry all the time that we will be denied access!	1
Keeping bicyclists off of prohibited trails. Banning e-bikes (we can discuss ADA use on wide, well-groomed fire roads, with a low speed limit). Enforcing a Pack-It-Out policy for people who bring animals who leave excrement in the watershed lands (e.g., dogs, horses).	1
Keep up the good work!!	1
Keep the single track trails for hikers only. Only allow biking on Fire Roads or on more developed, wider areas (like the work on Azalea hill trail appears to be.)	1
Keep the hiking trails as hiking trails and develop mountain bike specific trails for descending only. That way, hikers won't be mad at bikers on the single track hiking trails when bikers illegally go on them, and it will make less bikers descend the fire roads which is unsafe for both the biker descending, and other folks walking/riding up it. Mixed use trails don't work, trails that go both ways (climb/descend) are unsafe for bikers, and mountain biking on fire roads is not a sustainable future as the sport continues to grow. The area already has a decent fire road network for ascending, all that's needed is MTB specific descents. Please look at areas in the Pacific Northwest that have successfully done this around major metropolitan areas like Vancouver, Seattle, and Bellingham. There's no reason Marin can't have similar infrastructure.	1
Keep some trails for foot use: running, hiking horse riding.	1
Keep it natural, avoid over grooming of trails, avoid over the top commercial advertising for adventure, etc. Mt Tam is a sacred place, let visitors respect that. Endeavor to keep it sacred, not turn it into a profit center.	1

Keep easy access for horses, we need to see more horses on Mount Tam. It is our history and legacy!	1
Keep bikes on the watershed!	1
Kayak access	1
Just the very rocky fire roads near west point inn graded more often/less rocky	1
just save it	1
Just maintenance; dramatic changes are not required or desired.	1
Just keep working on fire prevention	1
Just a few more bike legal trails like Coast View and Dias Ridge.	1
I've been impressed with the interpretive signs and trail work, specifically near Sky Oaks Meadow. Keep up the good work!	1
It's time for a more inclusive approach to recreation on the mountain. It is imperative that we train a new generation of stewards to protect this invaluable resource. It is not a matter of IF a wildfire changes the mountain forever - it is a matter of WHEN. WHEN that time comes, we will need EVERYONE in the community involved. Like it or not, the rising generation comes to the mountain on a bicycle, and if the board continues its hostile approach to riders, it will continue to alienate the very people that are vital for the future of the mountain. Mountain bikers are to solve problems, and to find common ground. I do not think removal of social trails should be a priority. Instead, social trails can be re-worked to be completely sustainable, and to provide new trail opportunities to bikers. There should also be bike-priority trails built in congested areas to improve safety for everyone. Finally, trails further from trailheads should be evaluated for change in use to include bikes.	1
It's pretty great as is.	1
It's my long-held dream to be able to ride more single-track trails on my bike on Mount Tam. I lived in Fairfax for a few years and fell in love with the sport of mountain biking. It's been a great benefit to my life. I also stubbornly follow the rules and respect the hard job that public land managers have to do, so I don't poach single-track that's not designated for bikes. But that means I often have to travel to anywhere BUT the watershed to find trails that I can ride, or pay the membership fee to ride the same loop over and over again at Tamar rancho. I've ridden and hiked in a lot of places where bikers, hikers, and horses have no problem sharing the trails - in Colorado, Tahoe, Southern California, Skeggs, the East Bay ... I don't see why we can't bring that same spirit of sharing and opportunity to the miles and miles of wonderful existing trails on Mt. Tam!	1
its good as is	1
It'd be great if some parking spaces would be available on Ross streets near Phoenix Lake. For years, I walked around the lake with friends and relatives. Sometimes the lot was full, and we could park a block or two away and walk. No problemo. Now, nearby streets have no parking signs, and I've given up trying to go to that lake. I miss it, but not enough to get there scarily early in the morning in an attempt to get a parking spot.	1
It's a treasure that's been discovered by more people the last 20 years. Unfortunately, its now overrun on the weekends, especially during summer. Not certain if traffic can be reduced thru some paid permitting or reservations.	1
It's a great community resource.	1
It would be nice to have some of the lakes be Wheel chair accessible. At least part of the distance. Lake Lagunitas would be ideal as it has picnic grounds great for family	1
It would be nice to have bike only routes to help keep both hikers and bikers safe by keeping them separate.	1
It would be great to see more trail access for mountain bikes and ebikes.	1
It would be great to have bicycle access to more trails. I've visited other watershed lands that have bicycle-only trails along side hiking-only trails, which makes for a better experience for all visitors.	1

It would be AMAZING to allow shoreline access/non-motorized equipment (kayaks, paddleboards) on Lake Lagunitas. It is the one lake that is closest to a large parking lot and has ample easy shoreline inlets. (Spoo ner Lake above Lake Tahoe in Nevada is a good comparable.) Additional permits could be required dependi ng on the type of access?	1
It is wonderful as is. Maybe few more signs for hiking trail connections?	1
It is so frustrating that there continues to be issues with pedal assisted EMountain Bikes on the watershed. I am 61, and it has been life changing for me and all my friends. WE ALL have Ebikes, and we are on the mo untain every weekend. I am riding much more often than I used to. There is no valid argument in my mind fo r any issues with ebikes. I cannot go any faster going on the flats or down hill vs. regular bike. I still must go up hill slowly (esp when it is steep fire roads) so no danger to other walkers in ANY circumstance compared to regular MTB. THere is also NO extra wear and tear on the watershed riding these bikes. The tires are the same! I just do not get it. Requiring permits is so useless. You dont require them now with regular MTB... wh y should that change!? PLEASE do not take away EMTB on the watershed. It will negatively affect my healt h and well being, and same goes for at least 7-8 of my 60 year old buddies. David Breuner	1
Is there any way to introduce boating or swimming? Most modern drinking water treatment plants are fully c apable of removing pollutants linked to swimming and kayaking/canoeing. As direct reuse of treated wastew ater for drinking water inputs increases this will only become more true (and it will be sillier to not allow swim ming and paddling in drinking water source lakes).	1
Integration of trails for ALL users. Also, I see many indications for cyclist to 'slow and say hello'. How about signage letting other trail users they will see cyclists on the trails, so they are not scared or surprised every t ime they see two wheels.	1
Increased maintenance of trails and enforcement of the rules.	1
Increased bike legality	1
Increased bicycle access to trails. Increased education of bicycle riders to safe and kind sharing of trails.	1
Increased access to single track trails for bikers, especially on trails that few hikers use (e.g., on Pine Mtn a nd parts of Tam). This will help spread out the population and benefit all trail and fire road users. We lag beh ind many other areas in this regard and need to change how we think about trail use here to keep up with m odern trail use and management. Bikers have shown that they are trail stewards and will help build and mai ntain trails, I would love to see the MMWD partner with some of these organizations to expand our awesom e network of trails.	1
Increased access for bikes, particularly on single track (more uphill access, and downhill access at least on alternating days if not full time). Second, there needs to be bike access connecting Indian FR/Crown Rd do wn to Phoenix Lake/Nalalie Coffin Greene Park. Third, bike access from Mt Theatre to Old Stage Rd so bike s don't need to de on Pantoll Rd. Fourth, a connector trail from Oat Hill to Alpine Dam/BoFax Rd :) Conflict c an be reduced through separation of use, which can be achieved through time allocation (bikes on even day s, no bikes on odd days), directional trails and physical separation on parallel trails. Through collaboration w e can coexist and protect the watershed for future generations. And finally, please charge for parking at Nat alie Coffin Greene Park. Demand is way too high and encourages people to drive. There is a fee to enter Sk y Oaks, Bootjack, East Peak, etc, why not Natalie Coffin Greene too?	1
Increased access for bikes! I would support bike only or bike/hiker only single track trails.	1
Increased access for bicycles on single track trails, especially on weekdays when hiking traffic is low, and/or specific times (early AM, late PM) where bikes can access single track trails when hiking traffic is lower.	1
Increase water retention for MMWD water supplies	1
Increase the number of trails for walking only, no bikes. Bon Tempe Lake is particularly bad/dangerous with bikes flying around on mutinies paths.	1
Increase the number of Rangers	1
Increase bike access to single-track trails	1
Increase bike access to existing trail infrastructure, create new bike specific trails minimize user conflict and allow equitable use of mt tam.	1

Increase access for mountain bikers and other bikers on hiking or singletrack trails	1
Inclusivity. More, high-quality trails and greater access to trails that suite user needs, interests, and safety, e.g. a variety of trails specifically for off-road bikes that are designed with the users in mind, including a map ped, skill-color-rating system. More "share the road" signs where expanded shoulders for road bikes are not possible. Designated day/hours when trails and roads are available for non-car purposes. Greater public education efforts made on the value of multi-purpose, sustainable trail systems that suite all user interests.	1
inclusivity, diversity of experience, sustainability, opening to multi-use the remote, less used trails	1
Inclusivity of mountain biking. There is a world where both mountain biking and hiking can exist. The rest of the country has figured out systems where people can safely enjoy both activities, Marin refuses to do so. The loudest people are not always the majority. There is a great opportunity here to embrace mountain biking, with a dedicated trail system, get teens off their cell phones, and bring more stewardship to Mt Tam. Remember when the world thought snowboarding was barbaric and unsafe?	1
Inclusive of people from non-trail backgrounds with welcoming and helpful signs about how to be part of the community (regarding trash, interactions with nonhumans, taking care of each other and respecting different experiences) (I am one of those who picks up trash everywhere I hike)	1
Inclusion of single track bike trails.	1
In this age of fire threat I would remove all bbq stands from the MMWD land. Any trail that is currently Hike/Horse should also be available to bikes. Provide more connector trails with bike access. Azalea Hill project is a good example. I would specifically like to see Northside be available to bikes. This would provide much better bike access to the top of the mountain for cyclists.	1
In general I'm weary of trails frequented by cyclists (I walk/hike). They are often loud and disruptive and take away from the peacefulness that I've gone out to enjoy. I also worry about the salamanders and other creatures getting run over.	1
improvement in fire roads	1
Improved trail signage. More rangers around to ask questions of. More interpretive signage and information.	1
Improved trail maintenance following winter rains	1
Improved surveys that enable data collection on mobile devices. Example. The field below "Please rank the following trail management strategies based on your likelihood to support the strategy" is inoperable on IOS devices. For that reason, it is recommended to remove from this survey as it is not correctly functioning portraying an accurate representation of public opinion.	1
Improved support for bikes on single-track trails. This could easily be achieved by isolating trails for specific use and direction on various days, thereby allowing safe utilization of trails. This has been proven successful in the Tahoe basin, Ashland Oregon, and Squamish BC. Adopt a policy that prioritizes willingness to compromise and adaptation to how people want to use the mountain, rather than a policy of restriction and enforcement. Consider social trails and those further away from parking areas and congestion for bike access. Full support of ebikes as these enable many more people to enjoy the mountain on bikes and only affect the uphill speed.	1
Improved restrooms at Lake Lagunitas Picnic Area. Consistent trail maintenance program.	1
Improved education on the vandalism caused by hiker and bikers short cutting trails. There is a lot of damage in the current era by both groups going off trail.	1
Improved bicycle and e-bicycle access to single track trails.	1
Improved access for all trail users to singletrack, especially for mountain bikes. Allowing mountain bikes on more trails will help to distribute people over a much larger area and reduce crowding on popular routes and trailheads. Mountain bikers are a resource who are willing to volunteer and help with trail building, trail maintenance, and other projects. Welcoming mountain bikers will have significant environmental and conservation benefits in the long term by ushering in children and young people who will be the stewards of the land in the future. Using science and data-based decision making is required to gain the respect and trust of the watershed users. Arbitrary rules based on the complaints of a vast minority of political influencers should not be upheld or tolerated.	1

Improve trail access to bikes. Not all trails need to be legal but getting cyclists involved to ride and maintain trails has been proven to work all over this country yet Marin (the birthplace of the mountain bike) remains to be stuck in yesteryear when it comes to trail access for bikes.	1
Improve the surface of the fire roads. Some are very rutted and dangerous to hikers and bikers.	1
improve staffing to keep the bikes off single track trails. keep dogs on leash	1
Improve repairs/restorations of bike damaged trails.	1
Improve picnic areas (more, move them under shade) Require dogs on leash give tickets to people blasting loud music on the trail!!	1
Improve condition of uppper Eldridge	1
Improve bike access, lower technicality trails, water bars on steep fire roads are really scary, pan toll campg round could use more hike/bike campsites - it fills up with 2 tents but feels tight with 2 tents. I have experieced the site full and resorted to ADA site at Pan Toll or Bootjack (after 5pm). I have also experienced other people being turned away because there was already 5 people at the hike/bike site - 2 tents, 1 bivy.	1
implement policies to allow safe and smart use of single track trails for mountain bikers who demonstrate ability and have maturity to handle them responsibility - alternating days, bike only trails or trail segments, directional requirements mixed in. While most bikers are courteous, bad apples can spoil the bunch and it would be better to find a way to treat bad apples but not throw out the whole bunch. Look to policies of other trail systems with similar volume of users for reference and best practices (colorado, washington, etc).	1
i'm happy with what i see	1
I'm concerned about the speed of bikers on the Lake Lagunitas path. I've had some scary and rude encounters. As I age, I get more concerned. I definitely don't think e-bikes belong on these trails.	1
I'm always for improved bike access. Personally I'm always on a regular bike but I do appreciate Ebikes giving lots of folks who wouldn't otherwise have access to many of the areas considering the elevation. I find many folks on ebikes haven't come from a cycling background so they're not aware of any of the good riding etiquette on trails regarding other riders and hikers. Somehow improving education in that area would probably be helpful for everyone. I don't have any more specific ideas on that front though.	1
If you build more mtb trails or allow more trail access to mtb, there would be significantly less social trail creation, less wilderness destruction, and more happy people overall. Tam is super crowded at times. The best option for crowded trails is to have mtb-accessible times - no weekend riding, only open to mtb mon-thur. Times when the trails aren't congested and the mtbers can have fun and it's safer for everyone. Or like in Santa Barbara, require bikes to have bells so they can alert hikers. An outright ban is overkill. I see many empty trails and it's just a shame to ban an mtb from a beautiful, empty, trail with no one around for miles. Just go to Annandale Park in Santa Rosa on a busy weekend, or Santa Barbara, or literally anywhere else on planet earth and you'll find MtB and hikers living together in peace and harmony. It's not hard. You just have to remove the signs and not make mtb look like the enemy.	1
If it ain't broke don't fix it of course Ebikes and Mtbikes would like more trails	1
I'd like to see the trails that have been degraded and rutted by heavy bike traffic be repaired. and for bikes to be restricted to roads. Bikers SHOULD NOT BE ABLE TO ruin hiking trails,nor endanger hikers on trails.	1
I'd like to see more work on fire road conditions as well as more single track open to bikers	1
I'd like to see more trails, some exclusively die bike use, some exclusivity for hiking. As a hiker I don't want to need to watch for fast bikes all the time, and as a biker I don't want to need to watch for slow hikers all the time.	1
I'd like to see more inclusion+access for bikes -- perhaps designated days (odd / even), directional trails, separation on parallel trails. I agree with goals of safety + equity + sustainability as put forward by Marin Co Bicycle Coalition	1
I'd like to see more bike access. I'd like to see less entitlement, amd I'd like to see less people who freak out about dogs.	1



<p>I'd like to see improved access to trails for mountain bikes and for trail access to reflect the current user base of Mt Tam. In particular I'd like to see more options for bikes to avoid needing to go on roadways and provide bikers more access to trails in remote parts of the park that see less use.</p>	<p>1</p>
<p>I'd like to see an effort made to spread people out within the watershed as much as is supportable. Doing so in an effort to provide opportunities for more of a 'pace-specific' design (not necessarily user type specific though could be) that can reduce conflict risk and congestion issues. For faster pace activities consider directional-specific traffic that works to further motivate self selection with thought to loops/sensible routes for the activity.</p>	<p>1</p>
<p>I've lived here over 20 years, and run and bike several times each week over that time. I would very much like to see a more balanced and equitable approach to access for trail uses- particularly bicycles. Ideally- allow bikes in trails more often. Perhaps require a permit- with \$ to be used for trail maintenance, and allow bikes on even days or on odd days.</p>	<p>1</p>
<p>I'm fine with ebikes when operators know what they're doing. It's a motorized vehicle, and the ease of use opens the fire roads up to more traffic from inexperienced riders. That's the biggest danger I see, which could be resolved with licensing.</p>	<p>1</p>
<p>I'd love to see more education all around, for both (conscientious) bikers such as myself as well as hikers/walkers on safety and creating a more integrated trail system. I get the arguments to an extent for smaller trails in some areas (ecosystem preservation), but the reality as I think we all know is that a dedicated and Justice-seeking cycling can ride safely almost anywhere a walker/hiker can go, often with less impact. This is especially true if trails are built well. For safety, certain areas need to be well planned. While I get a few sensitive locals want their private trails away from cyclists, it's time to really open Tam up to the sport that was born on it, restricting e bikes, but letting people powering themselves up the mountain reign free with respect to themselves and others around them. Irresponsible cyclists should be cited (if riding haphazardly), but this should be a playground for all and bikes are integral to Tam. Thank you for your work!!</p>	<p>1</p>
<p>I'd love more fire roads but it's pretty great right now</p>	<p>1</p>
<p>I'd like to see trail access for people on bikes. There are almost no opportunities to ride on actual single track trails and the trails that are allowed and much too congested, leading to unnecessary conflicts with other (non-bike) trails users. Conflict can be reduced through separation of use, which can be achieved through time allocation (bikes on even days, no bikes on odd days), directional trails and physical separation on parallel trails. Through collaboration we can coexist and protect the watershed for future generations. I want nothing more than for my newborn daughter to experience the beauty of the watershed's trails through whatever means she wants to. Whether by bike or by foot or other means, she and all future generations should have choice on how to recreate on public lands, while also learning about being responsible trail and water supply stewards.</p>	<p>1</p>
<p>I'd like to see Tam become a bit more accessible for cyclists (non e bike) beyond fire roads.</p>	<p>1</p>
<p>I'd like to see more trails opened up for cycling.</p>	<p>1</p>
<p>I'd like to see more trail access for people on bikes, in more areas of the district, in a way that protects the experience of all users. Reduce conflict by delineating times for specific uses—i.e. bikes allowed on even days, no bikes on odd days—and making certain trails directional. I am both a hiker and a biker, with my children in both modes.</p>	<p>1</p>
<p>I'd like to see more of the singles track trails open to bicyclists. If this were allowed, I believe congestion would be reduced because bikes would be using more trails not the same heavily used trails we use now.</p>	<p>1</p>
<p>I'd like to see more of Mt Tam opened to multi-use users, specifically mountain bikes. While I understand the safety concerns on tight or blind single track, other areas have successfully implemented strategies that have enabled safe use of similar terrain for both hikers and mountain bikers. Single-direction trails, alternate uses on different days of the week, and other strategies have proven effective elsewhere, yet Mt Tam continues to pander to hikers. I hike significantly more than I bike and I'm sympathetic to hikers' safety concerns, but there is a better answer than simply not allowing mountain bikers to use the majority of the trails on the mountain. Enforcement is part of the solution I believe - with more equal usage opportunities should come enforcement of thoughtful restrictions on when and where mountain bikers (and indeed hikers in the case of single-direction or alternating days strategies) can use trails. I would support paid biking permits to fund that enforcement.</p>	<p>1</p>

I'd like to see more mountain bike trails	1
I'd like to see additional trail access for people on bikes. Any conflicts could be reduced through time allocation (bikes on even days, no bikes on odd days), directional trails like middle green gulch, and physical separation on parallel trails. Through collaboration we can coexist and protect the watershed for future generations.	1
I'd like to see a better distribution of trail access for people on bikes. Conflict can be reduced through separation of use, which can be achieved through time allocation (bikes on even days, no bikes on odd days), directional trails, and physical separation on parallel trails. Through collaboration, we can coexist and protect the watershed for future generations.	1
I'd like to see a better distribution of trail access for people on bikes. Conflict can be reduced through separation of use, which can be achieved through time allocation (bikes on even days, no bikes on odd days), directional trails and physical separation on parallel trails. Through collaboration we can coexist and protect the watershed for future generations. Bikers will typically volunteer more time and effort per capita to help maintain and fix trails when allowed in conjunction with local staff than other user groups. You can see the various trail advocacy groups in the Sierra that work w local land managers like the USFS.	1
I'd like to see a better distribution of trail access for people on bikes on singletrack. Conflict can be reduced through separation of use, which can be achieved through time allocation (bikes on even days, no bikes on odd days), directional trails and physical separation on parallel trails. Through collaboration we can coexist and protect the watershed for future generations.	1
I'd be happy to see multiuser trails developed that were not as steep, providing more circumference routing in design as well as providing biker access throughout the watershed behind fire roads. I enjoy Tam and am as much of a hiker and runner as I am a cyclist. I have found that steep roads and steep trails accelerate speeds and increase negative user exposures (harder to slow and say hello on some of the steeps)	1
I wouldn't change anything	1
I would prefer bicycles on distinct trails in high traffic areas as well as a greater network of secondary trails for hikers to give them more variety of paths. Generally I think car access/parking is sufficient except for the falls trail area.	1
I would love to see new multi-user trails made that implement correct trail design, farther out from the congested areas. The outlying areas such as Pine Mountain, Bolinas Ridge, etc are all untapped resources that could draw the bike riders away from the popular hiking areas. Create more trails! The biking community here is big and would probably help to create and maintain such trails. If you look at other areas such as Tahoe, Park City, etc, they have dedicated mountain bike groups that advocate for and build great trails. It would be a real win for the community. Create new trails! Spread the users out.... Proper trail alignment with grade reversals and drainage would really be great. Do not seek out and destroy social trails. They are there because of the lack of trails...use these as a clue as to where people want to go....	1
I would love to see more trails open to mountain bikes. The fire roads are but there is some great singletrack that is wide enough for both hikers and bikers to use	1
I would love to see more people enjoying Mt Tam. To facilitate that, I'd love to see better signage, maps, suggested loops, integrated marketing with local bike shops, community calendar, events (like the pancake breakfast). For long time community members we can get by, but it's challenging for new folks to figure out how to use this amazing space	1
I would love to see more multi-use trails, and some bike-only trails, as this would greatly improve trail conditions. or, see alternate day strategies implemented for different user groups.	1
I would love to see more mountain biking trails, including some single track trails. There is so much space that's "underutilized".	1
I would love to see indigenous stewardship, however that may look, and opportunities for settler colonizers for myself to be involved in and support indigenous stewardship	1
I would love to see hikers and bikers be nice to each other. Bikers need to give hikers a heads up when they are coming up behind them. Hikers need to take their ear buds out so they can hear the heads up. It's a simple solution. Trail etiquette is non-existent these days.	1

I would love to see access to more single track trails for Mt. Bikes. I hike a lot and some trails are hardly used by hikers and could be dual purpose.	1
I would love to see a bike loop around bon tempo lake so there was an easy mtb loop for kids. There are very few kid friendly bike rides in the watershed. Bon tempo would be perfect. It would also be great to see a kids MTB park lower on the mountain so they could practice and build skills and confidence.	1
I would love the new recreational management plan to include my little sister and other young and old mountain bikers. She doesn't want every single trail on Mt. Tam, she just wants to have fun and enjoy the watershed, and so do I. MTB trails would hugely benefit our user group, and every other user group especially as it's become so massive, and nobody wants crowded fire roads or single tracks. The years past have proven that the only solution is more trails. It's an undertaking, but MTBRs are a passionate group. WE ARE AN ASSET! We want to help you maintain the watershed and build new trails. I'm on my highschool mountain bike team and we ride on the watershed all the time. There are at least 600 highschool mountain bikers in Marin County, and that's not even including middle schoolers! You have a workforce of more than 600 healthy energetic teenagers at your disposal! We want to help you. With us you have the capacity to greatly enhance the watershed experience. All we need is a yes	1
I would love sanctioned trails that can be used by mountain bikers, and potentially areas that are specifically for mountain bikes and separate pedestrian trails, either dedicated or based on schedules, to reduce conflict and improve the quality of use for everyone.	1
I would love more bike legal single tracks	1
I would love for there to be a bit more single track access for bikes!	1
I would like to see trails that are further out from high traffic areas opened to bikes. This would help spread out user groups and decrease congestion, while also utilizing bikes to keep eyes out for threats to the watershed like invasive plants or fires.	1
I would like to see trails being groomed instead of rock placed on the trails. I would like to see more broom being removed. I would like cars to drive slowly.	1
I would like to see trails & fire roads be maintained I would like to see more rangers in high usage areas I would like to see a permit system in place to help cover the above	1
I would like to see the watershed allow mountain biking and Class 1 ebikes on a selection of narrow trails within the watershed, providing an improved recreational experience for mountain bikers and allowing them to link between the various management areas within Marin (MCOS, GGNRA, State Parks, Etc.).	1
I would like to see the overall master plan for the park is inclusive to all user groups. I would imagine that all the user groups are a great resource to contribute to trail maintenance and help support the water districts needs, reducing the financial burden and helping people feel more connected to the park - that is why allowing all user groups a place in the park makes the most sense. Green space is critical to the users and can be a huge support group if properly utilized.	1
I would like to see the following: No bicycles around Lake Lagunitas, better supervision of bikes (they never stop or move for hikers), more evidence of Rangers present, better monitoring of speed limits in watershed, places to deposit dogcrement at trailheads, keep bikes off of single track trails.	1
I would like to see the fire roads made less congested, and users more spread out. I need to ride on the fire roads, but younger or more capable riders don't need to. If bikes had more access to trails, it would spread out the congestion. Also, the parking areas are often chaotic on weekends and drivers are dangerous.	1
I would like to see some of the existing no bike trails opened to mountain bikers without any sort of modification to make them less natural	1
I would like to see single track trails for mountain biking. I would welcome them as one way directional.	1
I would like to see single track and short cut trails (created by bikers) blocked off and filled in. I've experienced bikers on single track trails after a rain or during the rainy season. The bikers leave deep grooves in the trails which call Steve Rosen and eventually wash the trails away.	1
I would like to see single track access for Mountain Bikers. We are a respectful community deserving of recreational opportunities like everyone else.	1

<p>I would like to see repairs to erosion caused by mountain bikers on single track trails, barriers to keep them from cutting through switchbacks on steep slopes, and in general better policing of bike riders on single track trails where they don't belong. It would be helpful to have barriers to impede mountain bikes from entering single track trails, and cameras to document them. There are relatively few trails where one can find true quiet and not have to worry about mountain bikes tearing through. The wildlife, such as owls, need that too.</p>	1
<p>I would like to see Mt. Tam's trail access updated to reflect a modern and inclusive user base. Currently bikes are excluded from almost all trails despite the popularity of mountain biking and the willingness of the mountain bike community to contribute and fund trail maintenance. Most other similar trail networks can make it work and I believe with an innovative and inclusive approach we can safely accommodate more users on the mountain.</p>	1
<p>I would like to see more trails opened to bikes! There are so many route possibilities that are not possible because those trails are closed to bikes. Just a few trails could make a big difference!</p>	1
<p>I would like to see more trails open to bikers and an ease on restrictions for type 1 ebikes. I would also like to see more trails constructed for the primary use of mountain biking.</p>	1
<p>I would like to see more trails allowed for mtn bikes. Bikes are contained to fire roads only in the watershed which is very limiting. My unofficial estimate of the mix between bikers and hikers on a Sunday in the Phoenix Lake area is 50-50, yet the mix of trails available is heavily skewed towards hikers. If more trails need to be built to accommodate bikers, I know MMWD would get a lot of volunteers and donations to help make that happen. Providing more trails for bikers will spread out the traffic. I honestly do not understand why more trails are not allowed for mtn biker or some purpose built trails constructed. Everywhere else in the country this has happened. MMWD is stuck in the past. As for class 1 ebikes, they are no different from regular mtn bikes except it offers people who are not elite athletes a chance to enjoy the sport. DO NOT IMPLEMENT A RESERVATION SYSTEM EITHER. I see that listed a strategy. That just limits access. Focusing on expanding access.</p>	1
<p>I would like to see more trail access for Mountain Biking. I have grown up in Marin and spent over 50 years here enjoying the outdoors and beauty of Mt. Tam. Marin in the home and where mountain biking started and has the least amount of trail access for bikers. During that time very little has been done to promote more shared trail access for mountain biking. There are many trails on Mt. Tam that rarely have hikers or equestrians. I have visited many other states and areas where trails are more accessible to bikes and the relationship between bikers, hikers and others is much better and friendly. For example Annapolis State Park in Santa Rosa has a vast amount of access for bikers. I have never had an issue with a hiker or equestrian there as everyone is friendly, respectful and shares the trails. I would like to see greater access for bikers. This could be on low volume trails, alternate days, even charging for a pass like Camp Tamarancho to allow for trail maintenance.</p>	1
<p>I would like to see more single-track trails legally available for bikers and e-bikers.</p>	1
<p>I would like to see more single track trails developed that are accessible to mountain bikers</p>	1
<p>I would like to see more single track trails available to mountain bikers.</p>	1
<p>I would like to see more single track multi-use trails. The current distribution of the trails does not represent the user base. It's ignorant to argue different user groups cannot share single track trails. There are many examples of multi use single track shared with different user groups in Marin County and the state. I hope the district builds an inclusive and equitable plan for all groups.</p>	1
<p>I would like to see more single track for mountain biking.</p>	1
<p>I would like to see more single track access for mountain bikers. It would be so great if mountain bikers could share the single track trails with hikers, maybe have alternating days for mountain bike use. Of course if it is raining or muddy, the bikes can stay off those trails until they firm up.</p>	1
<p>I would like to see more single track access for bikes. We are so limited to trails we are allowed to use but we seem to be a big user group. The rules seem to be out dated.</p>	1
<p>I would like to see more of the singletrack accessible to mountain bikers</p>	1

<p>I would like to see more multi-use and single track trails open to bike use. The mountain bike community of users is large and under represented when it comes to trail access. The community would actively help build and maintain trails as needed as volunteers so this would not add a cost. Other state parks have shared use that works well and other urban areas have shared use that works well. Bike priority trails in high use areas would increase the park enjoyment for all and reduce any user conflicts. The park needs to be more inclusive of mountain bikers as one of its largest users.</p>	<p>1</p>
<p>I would like to see more multi use single track trails for bikes. I did not answer the ebike question. I'm not very interested in ebikes. I think it is great if it help makes things accessible. I'm concerned that it will end up creating more restrictions for mtn bikes. Mt Tam area although the birth place of mtn biking is not very friendly to mtn bikers. Many other areas in the greater bay area are much more friendly</p>	<p>1</p>
<p>I would like to see more multi use or bike specific trails on Mt. Tam. There is a plethora of resources in the mountain bike community that can be used towards creating equitable trail use. One of the big arguments against allowing mountain bikes trail access is the damage that bikes cause on trails. This is a valid concern. The resources in the bike community should be used towards maintaining all trails not just trails where bikes are allowed.</p>	<p>1</p>
<p>I would like to see more multi use access opened up to cyclists.</p>	<p>1</p>
<p>I would like to see more mountain bike access on single track trails in area. I have lived in the area most of my life and feel it is sad that we have so many nice trails in the watershed and so little bike access to single track trails. Hopefully in the future more of these beautiful trails will open. I feel there are many ways to mitigate potential conflicts and that there is plenty of space for everyone to enjoy themselves thoroughly. I do have serious concerns about the impact of e-bikes on the trail experience. My greatest concern is that many people on e-bikes speed uphill on both the fire roads and trails, creating dangers for those going down at a reasonable pace (10-20 mph depending on the conditions and terrain). The difference between someone coming uphill towards you at 5-10 mph on a human powered bike and 15-20 mph (or faster in some cases) on an e-bike is the difference between having time to react and being involved in an accident or near miss.</p>	<p>1</p>
<p>I would like to see more legal singletrack and some sort of use on odd/even days. Most hikers are only on fire roads and rarely on single tracks .</p>	<p>1</p>
<p>I would like to see more legal bicycle trails</p>	<p>1</p>
<p>I would like to see more equity and access for mountain bikers. I have two young sons ages 6 and 8. We ride bikes together. The only places I can take them is fireroads. When we travel outside Marin they get to enjoy single-track and doubletrack trails all over California except in their own home neighborhood. It is sad to have the discussion with them that mountain bikers do not have the same equity or access as hikers or equestrians because of where we live. Mountain bikers are a huge user group and have minimal access to the trails on Tam and surrounding areas in Marin. We are a workforce ready to help maintain or build trails more so than the hiker groups. The time has come for inclusion and equity to teach the future generations like my boys of fairness and inclusion not exclusion for no reason.</p>	<p>1</p>
<p>I would like to see more bike trails that are medium difficulty or easy . Many of the trails that are open to bikers are very very challenging for the novice who wants to try mtb and grow. Also, I would like to see more acceptance of the pedal assist bikes without being penalized. I have an while, and asking me to get a permit or limiting my area to ride makes me feel embarrassed that I need one and not want to get out on two wheels.</p>	<p>1</p>
<p>I would like to see more bike and e-bike access. I am a 77 year old woman and have hiked, run and biked there for decades. An e-bike is now essential for me to continue to enjoy hills and distant locations. I am an avid hiker, but I am tired of hikers that act as if they have superior rights to our trails and fire roads, to the exclusion of bike riders. I would also like to see leash laws enforced. Dogs off leash are a hazard, but the fault is with the owners.</p>	<p>1</p>
<p>I would like to see more bike access. I don't own a car and visiting the park is via bike generally. I don't take the bus since the schedules are hard to predict. When hiking, there is little infrastructure to lock up and hike</p>	<p>1</p>

<p>I would like to see more bike access on Mt Tam and would very much like to see a connection for bikes from Pantoll to Rock Springs/Mt Theater without having to use the road. That stretch if road is very dangerous on busy wknds, especially when something like the mountain play is happening. I would also like to see some t rails open to bikes on weekdays at least. I have never once seen another trail user on Mt Top trail on a wee kday, for example.</p>	<p>1</p>
<p>I would like to see more advocacy for mountain bikers. It is very frustrating for me that there is pressure to r estrict bike trails from a small group of militant hikers that seem aggravated by mountain bikers for no appar ent reason. I try to explain to my children that that biking is safe and fun, while having to having to constantl y defend them against hikers that are disparaging to them.</p>	<p>1</p>
<p>I would like to see more access to trail for bikes and would be fine with day specific use.</p>	<p>1</p>
<p>I would like to see more access for mountain bikes. Mountain bikers love nature and mount tam. We should have the ability to share single track trails with other users.</p>	<p>1</p>
<p>I would like to see more access for bikes. there are many ways that this can be accomplished and many ex amples from other communities that can be followed. in congested areas on weekends, the lack of multiple access routes for people can become dangerous among hikers bikers and horses. everyone should be able to enjoy equally</p>	<p>1</p>
<p>I would like to see more access for bikes on trails. Maybe bikes on some days and not on others would hel p. I also think we could emphasize that shared trails are truly shared. I hike AND bike. I am not surprised to see hikers on a shared trail but hikers sometimes seem to be surprised when I am on a bike. Maybe some s ort of messaging around that. It is much less surprising to encounter bikes when you expect them to be ther e.</p>	<p>1</p>
<p>I would like to see more access for bikes on single track trails. While I primarily run on these trails, I love to r ide also and access to riding in Marin is more restrictive than any other place I have lived.</p>	<p>1</p>
<p>I would like to see major congested areas like Deer Park and Phoenix Lake be improved by giving bikes thei r own trails. There is no reason hikers, dog walkers, equestrians, and bikes should all be relegated to the sa me routes. Hikers have trail options but seem to hike the fire roads regardless. By giving bikes their own trai ls you will make the fire roads and hiking trails safer for everyone. Every biker I talk to wants their own trails to ride and commonly offers to to help plan, build, and maintain them. The district should seek opportunities to accomodate this desire. Groups like MCBC and Access4Bikes will step up with trail adoptions so that the trails are mainained in an environmentally appropriate manner. These trails can be hand built and very sust ainable unlike multi-use trails or some of the steep fall line trails the district has in their official network. The district should consider adopting social trails for bikes as well as new trails where needed and appropriate.</p>	<p>1</p>
<p>I would like to see increased access for bikes on Mt Tam. Understood that this can create safety issues for h ikers, but there are many ways to mitigate this - dividing up trail usage by day, by time of day on certain day s, limit the direction bikers could ride, etc. Right now it's extremely limited for bikers. In this way, we can bot h protect the watershed for the long term, and increase people's enjoyment of it in the short term.</p>	<p>1</p>
<p>I would like to see improved access for mountain bikes throughout the watershed. In addition, an improved t rail-network for multi-use trails (hiking/trail-running/mountain-biking) throughtout the watershed. Foundations such as Access4Bikes, have the ability to construct these trails and the community resources needed to mai ntain them, creating wide/fun trails that are safe for all to enjoy for the future</p>	<p>1</p>
<p>I would like to see hikers held accountable for breaking laws, like the hiker who set fire to Bon Tempe and h asn't seen any charges. I would like to see directional single track open to bikes, and allow bikers to help m aintain and improve trail systems so the watershed is better protected from an environmental aspect.</p>	<p>1</p>
<p>I would like to see greater bike access to narrow trails. By direction, day of the week, time of day and new tr ails. More attention to creating longer connected routes for people covering greater distance on bikes.</p>	<p>1</p>
<p>I would like to see fair and reasonable access for mountain bikers on single track trails within the watershed. I see this as a means to decrease congestion and conflict at the most congested parts of the watershed, an d improve ability for users to provide stewardship, especially in the far reaches of the watershed. Improved r ecreational activities for mountain bikers will reduce the impact to and creation of social trails.</p>	<p>1</p>
<p>I would like to see e bikes limited to the wider fire roads. And, speeds limited on these fire roads. From what I understand the e bikes are heavier and can damage the narrow trails.</p>	<p>1</p>

<p>I would like to see bikes have access to single track trails. Horses have access to these trails despite causing more damage, (most of the damage on the mountain) and being an infinitesimally small user group. Its just common sense, bikes should have access proportional to their user group, and then they should be tasked with being good stewards of that access (i.e. doing work days on single track trails, bell stations, working on trail re-routes or fire road to trail conversions, etc).</p>	<p>1</p>
<p>I would like to see bikes be allowed to ride single track trails. Sharing the trail or having designated biker days would make everyone safer and be more equitable.</p>	<p>1</p>
<p>I would like to see bikes allowed on single track. Bikers will help maintain any trail they are given, and we can have simple rules for usage to make things equitable. I would like to see trail access to trails like Splitrock or Paradigm given to bikes because they are miles out into the watershed and hikers do not frequent them. They are very neglected trails.</p>	<p>1</p>
<p>I would like to see bikers off the narrow, winding trails. For example, on the Dias Ridge Trail and other trails, bikers are going down fast, and hikers are a near miss. Also, I would like people to keep their dogs on a leash, and pick up after them, as well.</p>	<p>1</p>
<p>I would like to see better signage and more bike accessible trails (not more fire roads, actualy trails).</p>	<p>1</p>
<p>I would like to see better access to singletrack for mountain bikers on Mt. Tam. Conflict can be reduced through separation of use, which can be achieved through time allocation (bikes on even days, no bikes on odd days), directional trails and physical separation on parallel trails.</p>	<p>1</p>
<p>I would like to see access to trails for mountain bike use. Not all the trails, but a significant portion of them. I also think some trails should be reserved only for hiking. Hiking and mountain biking can take place on the same trails with respect being given in both directions.</p>	<p>1</p>
<p>I would like to see a usage plan and availability of trails that is more reflective of the community. I am a hiker, runner, road biker, and mountain biker &amp; I would like to see all of those interests represented. As mountain biking has the least access and most restrictive usage, I feel like there is much work to be done to accommodate mountain biking as it is a big part of my life and a huge number of the local community engage in this outdoor activity. In my view, restricting access seems to only build/promote animosity between user groups when we should be doing more to create a space that everyone can use, whether that be multi-use trails or parallel trail networks. I would like to see 'pay to play' model put in place with daily &amp; annual memberships similar to China Camp State Park. If people are using the trails, especially for horse back riding or biking, I think it is fair to charge a nominal fee to use the trails to go towards trail building/maintenance &amp; other improvements</p>	<p>1</p>
<p>I would like to see a more inclusive trail network that allows for bikes on single track in a responsible manner where trails will not be overly damaged. I would like to see creative solutions that allow for more trails and more trail maintenance through "trail stewardship groups" so that mountain bikers and or any other trail user can not only ride more but have the opportunity to help maintain and build. There is a growing desire to allow mountain bikes in the watershed and instead of making this recreation illegal I would like to see a cooperative approach to providing more access that supports all users for safe and fun recreation. Not all trails can suddenly be bike legal but certain trails should be identified that can help keep mountain bikes off watershed roads and be part of larger loops. Trails farther away from access may be good for bikes as well whereas trails close to parking hubs may be better reserved for hikers. Climb only single track should also be explored. Thanks.</p>	<p>1</p>
<p>I would like to see a go-forward (3-5 year) plan to better balance the trail use for the current visitors. As a Marin native and hiker/biker I am exhausted by the public conflict on the trails and in the press with regards to watershed usage. I feel that we are light years behind other areas in progressing our thinking around how different user types can enjoy our natural blessing. Considering odd/even trail usage, one way trails and expanded access to more challenging trails makes sense to me and I have witnessed/enjoyed other land management models for my hiking (TRT, Park City, Ashland). As a hiker and biker, I very much appreciate both sides of the equation and seek different experiences with each sport. This is indeed possible and I believe such progressive steps will earn goodwill and adoption from the diverse user base</p>	<p>1</p>
<p>I would like to see a better distribution of trail access for people on bikes. We have so much land but no specific trails for mountain bikes, even though we have some of the best terrain and space in the world.</p>	<p>1</p>
<p>I would like to be able to ride trails in addition to fire roads. I would like eBikes to be allowed.</p>	<p>1</p>



<p>I would like to be able to bike more places on Mt. Tam. As a mtb and gravel rider, I have very limited use of the watershed. Fire roads are busy with all user types and not very enjoyable to ride up (or down). I would love to see more single track and more dedicated or inclusive trail access for people who bike. I am also a hiker and trail runner and would like to see all users represented and able to enjoy the trails on Mt. Tam.</p>	<p>1</p>
<p>I would like rate payers like me not to pay for recreation by others. Do something about dogs not on leash. And keep all bikes off the watershed.</p>	<p>1</p>
<p>I would like more trails for hikers only. Bikers can be very aggressive.</p>	<p>1</p>
<p>I would like bikes to be routed around high congestion areas and I would like bikes to have narrow single track access to places where they typically go downhill. Narrow single tracks slow bikers down making them safer and making them less intimidating to other trail users.</p>	<p>1</p>
<p>I would like additional use of single track trails for mountain bike use. Either newly designated or change to shared use for mtb make sense given the popularity of the sport. Most mtb riders are good stewards for mt. Tam recreation in safe respectable ways. The current limitations on trail use to almost exclusively fire roads presents major challenges and additional hazards given the very steep grade to ride up or down. Single track trails greatly reduce the speed of riders, increase enjoyment and would contribute to overall better experience for everyone recreating in the area.</p>	<p>1</p>
<p>I would greatly appreciate more bike-legal narrow trail access in the Tam watershed especially in the less visited sections.</p>	<p>1</p>
<p>I would definitely like to see more single track opened up to mountain bikes - even if only on certain days of the week, or during certain times. This has been done successfully in many other locations. and I think would be successful here.</p>	<p>1</p>
<p>I worry about being hit by a bike coming down Eldridge Grade, Lagunitas - Rock Springs or Rocky Ridge fire roads. I often listen to headphones and I've had several close calls. Bikers can go way way too fast downhill and there just isn't enough time to react. For E-bikers, I am happy to see older less fit people get access to nature, but there needs to be enforcement of speed limits or permits that limit downhill speed. I've also seen bikes many times on single tracks, the worst is when there are brown newts and other critters on the bon tempe lake shady side trail, and the bikers breaking the rules seem oblivious to the damage they're doing. They should lose their privilege to ride in the park if they get caught on this trail.</p>	<p>1</p>
<p>I wish I could bike singletrack on Mt Tam. Mixed use singletrack works great at China Camp and there's no need to discriminate against bikers on Tam. I'm always bummed to ride fire roads.</p>	<p>1</p>
<p>I was born in Marin and have been back here for the last 20 years. I was lucky enough to spend part of my life attending school in the Lake Tahoe region, an area that's abundant with trails for all users, regardless of the mode of travel. The approach I've witnessed MMWD take to trail access as it pertains to bicycles is abhorrent. Marin has evolved tremendously since the time legislation and rules passed to unfairly discriminate against cyclists, and our community suffers as a result. While I'm not in favor of opening all trail to MTB access, I do think there are many trails that should be considered open for use to connect popular areas, and in some cases, new trails created so there's a fair balance between user groups. A simple review of the draconian measures put in place for cycling abatement should tell you everything on how absolutely backwards the MMWD approach to cycling access is.</p>	<p>1</p>
<p>I understand the need to share the trails, but bikes should be limited to fire road access only</p>	<p>1</p>
<p>I think you should consider e-bikes like any other bike - even an improvement. If accessibility is the goal, e-bikes are a game changer for people who are not as mobile or as strong as a typical bike rider. I assure you, as a mountain bike racer I go much faster downhill than most and the "danger" of ebikes is misplaced.</p>	<p>1</p>
<p>I think that there should be singletrack opened up to use for mountain bikes. If there's concern about conflict between other trail users and mountain bikers, then perhaps the solution should be focused on education and separating uses, rather than having no legal singletrack on Mt. Tam. The avid mountain biking community is being underserved at present, in my opinion.</p>	<p>1</p>
<p>I think setting aside a few trails for specific activities would be terrific and would help avoid conflict. Having two trails for just bikes but no hikers/dogs/horses as one example. And two trails for just hikers- no dogs/bikes/horses. And two trails just for horses. Then keep the bulk of the trails as multi-use and dog friendly.</p>	<p>1</p>

I think invasive plant eradication, single track trails and general vegetation management are areas that need improvement.	1
I think gated access to trails for adaptive vehicles usually 36" wide would be great and marking on maps for users of these kinds of equipment would be great. I've had to discover on my own how to access certain trails. The gates and or pillars to trails limits where I can start and finish and can add complication for ingress and egress.	1
i think e bikes are a really bad idea on the trails.	1
I think cyclists should have access to some of the narrow trails in the watershed. There are, I believe, around 60 miles of trails and none are open to bikes. Why is that? Opening up some trails to cyclists, which represent nearly half of all users, would disperse visitors throughout the district. Local cyclists are very keen for this access and also very keen to support MMWD with volunteer hours maintaining and improving trails, helping with fire prevention and environmental sustainability.	1
I think congested areas like El Roble grade with hikers and bikers, dogs should not be allowed. Definitely no off leash. I would also like to see more access for bikes. And other watersheds, there are bike only trails. Which relieve a lot of congestion from the hiking and multi use trails.	1
I ride with my HS mtb team and would like to see more bike access and more singletrack trails open to bikes.	1
I really enjoy my time-all my experiences have been lovely. The question about e bikes-I think hybrid:mountain bikes are fine to allow but I don't want full e bikes having access & speeding around narrow trails/be a lot of injuries to hikers or regular bikes on small trails-I don't mind e bikes on large fire road but not going fast & respecting others & dogs too	1
I love the watershed district and have no suggestions	1
I LOVE that all the trails are dog-freindly. Thank you, and pls keep them as such.	1
I love it the way it is!	1
I love it here, nothing really to complain about. Would love to see more mountain bike single track trails, but I also trail run and love having some trails that do not allow bikes. That said, I know there are some trails bikes will be on regardless of if they are allowed. I previously lived in Golden Colorado close to very popular trails with a similar issue (Apex Open Space // Enchanted Forest Trail), their solution was to implement an Odd days for hikers/horses and Even days for bikes. I was not a huge fan at the time but ended up coming around to it. As a hiker/runner I could at least count on the days I would have the trail to myself and as a mountain biker I could also have more fun knowing someone wouldn't be hiking up the trail.	1
I love it as-is. I hike, mountain bike, and e-mountain bike (the latter as I'm getting older!).	1
I like that my time isn't crowded by tourists all over because of the requirement to walk or bike to most places on Tam except for east peak	1
I like it just the way it is, don't change.	1
I just want to be able to use the trails/fire roads like I have for most of my adult life.	1
I have no suggestions for improvements. Single track trails should be walking/hiking only and strictly enforced.	1
I have lived in Marin for 55 years and bike on the watershed almost everyday. I am a 57 year old mountain biker who is also a conscientious, courteous Trail user. The exclusion of the bike community from use of single track is a legacy policy which needs to be revised. Bikes don't do more harm than other user groups (when trails are maintained and accessed according to proper guidelines). For too long ALL mtn bikers have been stereotyped by other user groups as dangerous, young, thrill seeking scofflaws. This is not accurate. We are fathers and mothers and sons and daughters and doctors and lawyers and veterans and plumbers and firemen and teens and septuagenarians. We are Marin county. And we are trail stewards who care deeply about the gift of the outdoors in Marin County. It is time for mtn bikers to take their place with the other user groups that have long been afforded full and complete access to the trails of Tam. Eric	1

I fully support the new dog waste stations , just wish people would use them! Maybe an education/marketing piece of how leaving a bag of dog waste on ground to pick up later kind of ruins everyone else's experience.	1
I feel strongly that MT Tam should, and easily could, support mountain biking on non-fire road trails. Most every district in this country allows for this, yet in the birthplace of mountain biking we restrict the sport to unreasonable levels. As a property tax payer, and an avid environmentalist who loves this mountain and community, I am shocked at the bureaucracy, restrictions, and enforcement surrounding mountain biking. Please reconsider these unreasonable regulations and give mountain bikers a chance to show the county that we can all live in harmony and enjoy our beautiful mountain equally.	1
I enjoy riding singletrack trails on my bike and want to see more trails open to bikes, like Cataract trail, my favorite. Also, I enjoy canoeing and want to see recreational boating allowed in the reservoirs, but only non-motorized boats and SUPs. Swimming should also be allowed for Mt Tam recreation. Mt Tam does not seem very inclusive as it does not allow many of my favorite recreation activities, and for mountain biking, it does allow it but only in very few areas and not on the most enjoyable trails. A huge improvement would be to accept the existing conditions and allow usage of all established trails. Parking issues should be handled with shuttles, like Muir Woods. Shuttles should allow bikes and take anyone to the top of the mountain.	1
I don't like any of the suggestions listed immediately below. The only area of high congestion that I experience is Muir Woods and sometimes the Cataract Trail. The pandemic is ending, we don't need additional restrictions on outdoor activities now. Because there's no option to 'de-list' the four options, or to choose "None of the below" you have no way of discerning the level of antipathy towards the options. That's hardly scientific.	1
I don't know if it's actual restrictions that need to be put on e-bikes or some type of program that teaches e-bikers the etiquette of sharing the trails. There just seems to be a lack of respect with e-bikers when it comes to understanding how to behave around horses, to slow down around hikers, and give the right of way to other acoustic cyclists as well.	1
I do NOT want single direction trails.	1
I do NOT support any of the trail strategies listed below.	1
I definitely do not want to contend with e bikes on trails. Enforce no bikes and no dogs.	1
I believe the mountain can support proper management that includes more bicycle access	1
I believe that there should be 1 hour only parking available at view areas so more disabled people could enjoy the area.	1
I believe that the trail system on both sides of the mountain can be expanded. With the help of volunteers, the maintenance for this expansion, and current trails, could be managed efficiently. I believe there is no doubt of interest in this amongst the base of users of all types. With more trail options, the user base would have more options to enjoy and this would provide some relief in congested areas.	1
I believe e-bikes must be allowed.	1
I am so thankful for the watershed trail network!! I haven't had any problems with e bikes yet. The Ebikers I have seen have been polite and on fire roads. Maybe a good idea would be more mtn biking trails in fx between cascade canyon and tamarancho or near Kent lake...it seems like the mtn bikers need some single track trails and it would be ideal to set them all up somewhere lower trafficked. I'll bet we could crowd source a good deal of the work for this by asking for volunteers (after the planning of the trails is completed by a professional) from the community. I would definitely want to be a part of building some additional multiuse single-track trails in the western end of the watershed.	1
I am never certain if I will find drinking water.	1
I am generally happy. A few "bad actors" (often on bicycles but not always) can make hiking less enjoyable but, overall, they are few and far between. Speeding and single track transgressions should continue to be monitored and ticketed.	1

I am an older resident with a heart condition. The only way that I am now able to explore much of the watershed would be with an electric assist mountain bike. I urge the water district to allow electric assist bikes so that us older residents can continue to enjoy the watershed. Allowing electric assist bikes in the watershed would be in line with the friendly e-bike policies of the Golden Gate Recreation Areas, Point Reyes Seashore, and our Marin state parks. There is no credible evidence that these electric assisted bikes have more environmental impact than analog mountain bikes. If we want people to value our open spaces, we need to promote access, not unnecessarily restrict it. Thank you!	1
I am an avid hiker, cyclist, landscape & wildlife photographer. At 68 I now ride an ebike. I have ridden to the top of Mt Tam hundreds of times. I am respectful of other users. I feel that Mountain Bikes are an important and legitimate form of travel & recreation. More trail options for cyclists in remote regions of Mt Tam & the surrounding area, would relieve congestion. This would be in line with what I see in other areas. Bike trails in remote areas would actually benefit wildlife, & reduce user conflict. I believe that access to certain existing trails (possibly on even numbered days) and new trails in remote areas would be a benefit to all. I am over 65 and an ebike is now the only way I can enjoy cycling. I am a respectful ebike rider. I feel that ebiking should be allowed on bike legal trails. I do my part to urge that ebikes be ridden responsibly. I believe that expanded access for cyclists & ebike riders -especially in more remote areas- would be beneficial to all.	1
Horse people can be very aggressive and presentation on the trails. Should restrict their access.	1
hire more interpreters	1
Having been born here 83 years ago and all my life walking trails, paths and roads, to me it is all paradise and nothing has ever bothered me in my ventures. The only gripe I've ever the years was when the walk around the top of Tam was paved I didn't like that and wanted dirt vs that of asphalt.	1
Have mt bikers build and maintain an exclusive trail on mt Tam for mt bikers only. This will avoid dangerous conflicts with riders and walkers and allow walkers to have the serene experience that they are seeking.	1
have a more open plan for all user groups. the no bikes on singletrack scenario is old and tired to be quite frank. Look at any other destination that has a similar outdoors approach and you will find a much more open approach.	1
Hard to say too many poor things about Mt Tam, mainly would be great to have safer areas for cars to pass bikes while driving up from Mill Valley!	1
Greatly increased trail access for bikes. This could result in reduced congestion on heavily used trails if planned well. Alternating days or one direction trails to help avoid negative user experience. Leverage trail stewards to build/maintain trails to conserve funds/reduce expenses	1
Greater trail access for bikes.	1
Greater enforcement of rules pertaining to dogs (off-leash, not picking up poop) and bikes (riding on trails where they're not allowed, riding too fast).	1
Greater access to trails for bikes. Horses have more rights than bikes with current rules.	1
Greater access to singletrack and other interesting features for mountain bikes. Fire roads are fine for parts of rides, and sometimes altogether. But limiting bikes to these wide, often-steep, featureless roads while hikers and even equestrians have access to more interesting trails is an outdated policy and management approach. It's a legacy that no longer serves the community, if it ever did. It is past time to move beyond the tiresome and divisive Marin trail battles that have pitted one user group against another. These are public watershed lands for all of us; surely MMWD can take a leadership role in recreation and resource management that enables every group to enjoy and share the watershed.	1
Greater access to single track for Mtn Bikes. It's unreal that the 'birthplace of mountain biking' has so little legal single track for mountain bikes. This is primarily due to a very vocal and litigious minority. These prudes must be stopped. While they have a very few minor and legitimate issues and they need to be addressed, excluding a major recreational sector for their own private Mt Tam is unreasonable. For the BoD of MMWD to allow this exclusion is even more unreasonable. MMWD needs to get their act together and respond appropriately to the majority of users.	1

Greater access given to mountain bikes is critical — far, far too much of the open space resources have been reserved for a limited group of users. I would like to either a) certain "trails" (not fire roads) dedicated access granted to cyclists. I think safety would be enhanced if cyclists and other users had dedicated days on those trails, e.g. even dates for non-cyclists, odd dates for cyclists — there might be too many unsafe scenarios between cyclists and other trail users, despite best efforts (dogs off leash, horses spooked, etc.) With these changes, I would like to see 1) the cyclist community adopt a dedicated bell system to enhance safety (like the one used in the San Luis Obispo — <a href="https://www.cccmb.org/bells4bikes">https://www.cccmb.org/bells4bikes</a> ) and 2) for the cyclist trail building groups to be welcomed into the watershed. The cyclist community has strong volunteer networks and terrific trail building and maintenance expertise, but certain user groups turn their nose up at their contributions.	1
Greater access for bikes please, especially in areas that are far away from congested entry points. I ride in the watershed, my children do too, and there's a vast gap in availability of trails for cyclists versus other trail users. It's not a very welcoming experience, and we all are neighbors here.	1
Give bike riders same rights as everyone else	1
Getting bikers off the single track trails.	1
Get rid of the bikes. No e-bikes.	1
Get Ebikes off the mountain since they are motor vehicles	1
get bikes off of single track trails.	1
General upkeep is good. Fire prevention. Make sure that people respect the existing trail rules. Probably need to regulate e-bikes somehow. It's pretty dangerous when somebody zooms by at 30mph.	1
general trail maintenance	1
Gates to restrict mountain bikers from both ends of single track trails. Clear signage where bikes are not allowed to prevent the claim that they "didn't know". Obstructing the entrances to social, unmarked or unused trails in addition to signage to prevent the claim that it "doesn't say that bikes aren't allowed".	1
Full time trail crew	1
Fostering a culture of respect for the area and other users; e.g. small signs at park entrances about respectful trail etiquette and/or info about the ecology of the park.	1
For purpose bike trails. New trails should be built that are biker and hiker friendly (similar alignments) and bikes allowed on alternating days and hikers allowed in alternating days.	1
First, the district needs to prioritize fuel reduction. We could repurpose the money we spend on full-time sheriffiffs and begin to remove the frightening amount of fuel near our communities. I would also like to see more equitable access to trails, specifically bike access. The rules need to reflect the current user base and be inclusive and fair. We could consider alternating days or times where bikes would be allowed. Once you're more than a mile from the trailhead I usually only see other bikers, if anyone at all. I can't understand why many trails are off limits to bikes but open to horses, which do tremendous damage. I've had the privilege to bike and hike in many states, and everywhere but Marin hikers, bikers and horses coexist and share the trails. There will be rude people in all groups, but in my experience they are the exception. And the mountain biking community would gladly help with trail maintenance to reduce the burden on the district.	1
Fire risk reduction. More rangers	1
Fire reduction!!!	1
fire abatement	1
Finish Azealia Hill, (and stop talking about it). This is an important link in to Pine Mountain and will make better use of back country areas for biking. Open a selection of trails to mountain bikes so trail loops can be established, particularly at the top of the mountain. Slow zone around Lake Lagunitas is good. Congestion is an overstated problem. Improve regional trail connections to State and GGNRA Lands for mountain bikes.	1
Fill in of eroded areas on heavily used trails.	1

figure out a way to unclog the Cataract Trailhead area and the nightmare of parking that overflows on that loop of Fairfax Bolinas rd nearby	1
Fewer or no bicycles on trails. Better restrooms. More trail signs. Trails are becoming very worn. Can something be done to improve footing in rocky areas?	1
Fewer illegal bikers. Replace "Bikes no through route sign" at top of Boy Scout Road with plain "No Bikes." Enforce no bikes on single track.	1
Fewer e-bikes on heavy traffic trails.	1
Fair usage for all participants- bikes included Designated single track	1
Fair and balanced common sense access	1
Extended hours for annual parking permit holders -- I have to leave just as the fishing gets good!	1
Expansion of trail use to be more equitable. Allowing bikes to access a few more trails, in a responsible way, is fair and will reduce the concern that watershed access has been restricted/maintained to benefit the older/Caucasian/privileged minority.	1
Expansion of biking trails to reduce congestion of bikers, hikers, equestrians	1
expanded native habitat restoration.	1
Expanded bike access, to include some trails.	1
Expand mountain biking and gravel biking trails. People want to get off the roads which are increasingly dangerous.	1
Expand current trail system for more multi-use access trails allowing foot, horse, and bike use. Build additional multi-use trails.	1
exclude motor bikes from all trails, better policing of e-bikes, mountain bikes that that infringe on the designated trail plan for the area.	1
Even more limitations on number of daily visitors to Muir Woods A four-way stop at Four Corners (junction of muir woods road with Ridgecrest).	1
Erosion Control, Broom and other non-native removal, better salmon habitat protection and enforcement of people disturbance during spawning season	1
Eradication of illegal trails. Fines for people misusing the trails. More emphasis on the mountain as a place to protect from overuse. Educate people on the importance of the Watershed as a natural resource for everyone. Encourage quieter more natural activities,...hiking, stargazing, photography, ranger hikes to explore the natural wonders of Mt. Tam. Reinforcing the message that we are soooo lucky to have this protected space to enjoy	1
Equitable access to trails for mountain biking. Working towards policies and management that will reduce user conflict by implementing trail access to bikes by reviewing the vast network of trails making some of them bike priority or bike only, along with hiker/runner only and possibly some equestrian only or horse/hiker only. Work with other managed parks and agencies - State, GGNRA, MCOSD - for improved connectors to their trails. This will reduce congestion and make it usable and equitable for all user groups.	1
Equitable access to single track trails for mountain bikes. Adopt social trails into the trail network.	1
Equitable access to mountain bikes on singletrack. It works fine in China Camp/Dominican!	1
Equal trail access for all trail users. End bicycle criminalization. Put resources to use for something besides harassing cyclists.	1
Equal access for Mountain Bikes	1
equal access for ebikes	1
equal access for bikes, including e-bikes	1

Equal access for all user groups based their percentage use	1
Ensure that people are respectful of the limitations on hiking with their dogs, esp. off leash.	1
enforcement of renegade bikers	1
Enforcement of Mt bikers rule breakers.	1
Enforcement of mountain biking restrictions.	1
Enforcement of illegal night bike riding	1
Enforcement of existing rules and regulations, and/or physical barriers to deter illegal biking. Enforcement of leash laws.	1
Enforcement of bikes speeding or on single-track	1
Enforce the ban on mountain bikes on single track trails	1
Enforce limits on bikers.	1
Enforce leashes on dogs.	1
Enforce bike restrictions on hiking trails, if possible. Bikes use of fire roads is fine.	1
Embracing the use of single track trails for bikers on designated days if they have a paid permit.	1
Eliminate the e-bikes except for seniors and ADA individuals. These are motorcycles that create dangerous situations for all land users and wildlife. Limiting access by e-bike class is silly since it can not be reasonably enforced. There are already significant enforcement issues (lack of) for all existing regulations.	1
Eliminate eroding social trails, better protection of endangered species and their habitats.	1
Eliminate e-bikes in Watershed, eliminate bikes on Lake Lagunitas loop road	1
ecological	1
E-bikes need to be permitted. Small chg when purchased. This would help fund more rangers to crack down on illegal trails and also stop the continuing speeders. Come on guys (yes always guys) slow down. Also, specific single track trails	1
Ebikes limited to a max speed and certain wider trails only. Sometimes they are traveling unpredictably fast uphill too!	1
E-bikes are a huge fire hazard because how hot the batteries can burn. Moreover, the riders are way less responsible with excessive speed versus other bikers. They are also a lot quieter and heavier. E-bike owners should have to pay to cover the fire risk.	1
E-bikes	1
E-Bike access. I worked 34 years in the asbestos industry and my breathing capacity isn't great. Without a E-Bike I would not be able to enjoy Mt Tam Watershed nor my favorite pastime of mtb riding.	1
e-bike access on all trails... c'mon man... I'm old and I go slow it just helps me get up the mountain	1
Easy Grade connector between Old Stage & Rock Spring for bikes to avoid unsafe road riding on Pan Toll Road. I'd like to see a better distribution of trail access for people on bikes. Conflict can be reduced through separation of use, which can be achieved through time allocation (bikes on even days, no bikes on odd days), directional trails and physical separation on parallel trails. Through collaboration we can coexist and protect the watershed for future generations.	1
Ease up on the leash law on narrow pathways. Very hard to hang on to dog and crawl up some of the trails.	1
E bikes are destructive to trails, habitat and dangerous when ridden too fast. They should be allowed for ADA purposes only. I love Mt Biking but bikers need to be safer on downhills, especially on blind corners. (slower and keeping to right).	1



E bikes are becoming a problem. I understand the need for those who really need them, but for others they are closer to mopeds than to bikes.	1
E bikers must understand basic bike and trail etiquette, they can quickly ruin it for everyone.	1
e bike access	1
Don't mess with it too much! It's great as it is! But in some areas Broom removal is essential!	1
Dogs should be allowed off leash	1
Dogs on leashes	1
Dogs on leash enforced as well as ebikes	1
Dogs on leash and bikes slowed down.	1
Dog leash length restrictions. Number signs at intersections to allow for easier identification of location(s).	1
Do nothing. Leave the trails alone. If anything, cut back over grown brush and repair ruts in trails. Do not spend money building expensive by pass trails, for example, the Redwood creek trail (Muir Woods to Muir Beach). Keep signs posted to keep hikers / visitors on the trail and away from the reservoirs.	1
do not cut the redwoods branches on the lower level so animals can use them as they naturally need them	1
Do not allow E bikes in areas that are closed to motor vehicles.	1
Directional bike-specific trails and opening of multi-use trails to bikes and e-bikes in line with the management of many other public lands.	1
Directional and/or bicycling only trails on specific days (this often happens in places like Colorado).	1
Designate more multi-use trails allowing mountain bikes, including a "cross-Tam" mountain bike trail route.	1
De-rutting fire roads would probably improve safety a lot. Helps keep people on the right side of the road and reduce accidents. Implementing some kind of weekday rotation system for bike access to trails would also probably help diffuse a lot of trail access squabbles. Last: some kind of permit for the former (the cost of a ticket) would generate far more revenue.	1
Dedicated hiker only and bike only trails would alleviate some of the tension between hikers and bikers who feel like they are getting in each other's way.	1
Dedicated downhill mountain bike trails with a variety of difficulty levels and terrain to ease the hiker/biker conflict. Fire roads can be shared access as bikes generally just use these for climbing up the mountain, which happens at a slow speed.	1
Dead fallen tree trunks and cuttings should be taken away. The restrooms at Lake Lagunitas and Lake Bon Tempe should be refurbished, reopened, and regularly cleaned and maintained. Do not allow any e-bikes on any trails. E-bikes used only by handicapped would be OK but we don't see how this would be enforced. Bikes of any kind should not be allowed on trails used by hikers/ pedestrians. Priority should be given to hikers/ pedestrians. Bikes should only be allowed on roads for vehicles.	1
Cyclists should be banned from all trails and limited to fire roads.	1
Cyclists are a large and growing user group but for the most part are only able to access fire roads. This means an entire user group typically only has one route they can take to get to their destination in the watershed, unlike other users who often have multiple choices between trails to get to a destination. This means cyclists are concentrated on these fire roads, which increases the potential for negative interactions and accidents. Also despite the speed limit for bikes being listed/enforced for cyclists, it is very easy to unknowingly exceed the speed limit on the fire roads as they are wide and free of obstacles which give you a perception of speed and slow cyclists down. Many places with legal singletrack trails build in obstacles at junctions/congested areas to slow cyclists down. Finally, the cycling community could be a great resource for the watershed for volunteers/trail maintenance which could relieve the financial burden of maintaining and improving trails.	1
cut costs	1

Cut back brush. I'm paranoid of ticks.	1
Current trail inventory and usage rules don't represent the population who now recreate in the watershed; for example, bikers and hikers are funneled onto the same few trails. Current rules and trail inventory should be representative of the recreation needs of the people coming to the watershed and inclusive of ALL user groups (they are currently skewed towards foot and equestrian recreation). Trail plans should be inclusive and driven by "data" on usage patterns and "feedback" from users (this survey is a great start) but trail surveys also need to be included, as does outreach to underserved communities. Social trails are indicators of unmet need and should be used as inputs into the type and locations of new trails.	1
Creating new mountain bike-specific singletrack trails would be a great way to reduce congestion on other trails because it would reduce the number of mountain bikers on the shared trails, and keep hikers safer. Tamarancho is a good example of this. Mountain bikers flock to that area and the surrounding trails are likely more available to hikers. Most mountain bikers are happy to pay for a permit to access these types of trails, as seen at Tamarancho and China Camp. Volunteer groups like MCBC would be happy to maintain the trails at very little or no cost to Marin Water (as the BTCEB does in the East Bay). I'm speaking as an avid hiker and mountain biker.	1
Creating a trail going around Alpine Lake and one around Kent lake. Cracking down on bicyclists speeding down fire roads and using narrow trails where they aren't allowed.	1
Create new policies and Best Management Practices to enhance the visitor experience, reduce maintenance costs and reduce impacts on the habitat. Include new trail management solutions, including separating users, distributing use more evenly, time allocation (even/odd, time of day, seasonal closures, etc) and stewardship through the adoption of trails. Focus on shared values such as resource protection and rewarding experiences in nature. End the practice of pointing out problems, both physical and behavioral, without trying new ways to solve them. For example: If bikes appear to cause erosion on a particular trail, often there is an underlying issue that has not been addressed. Poorly performing trails are generally the result of bad alignment, poor construction, lack of routine maintenance and little to no management. Conflict usually occurs in areas of high density with a mix of uses. Please strategically distribute visitors more broadly, bringing relief to congested areas.	1
Create bike only trails to keep bikers off the illegal trails Speed limit reminders for bikes. More outreach from MMWD re/ shared trail use etiquette	1
Create a small permit only backcountry camping spot along the bolinas ridge trail.	1
Crack down on speeding bicyclists. They rarely slow down for hikers.	1
Continued support of mountain bike trail systems, they're some of the best in the nation.	1
Continued improvement to trails for cyclists and hikers. Also, clear signs on which trails are not available to cyclists	1
Continued and solidified support for cycling. It's such an incredible asset to the cycling community, and I hope it can stay that way!	1
Continue working with MCBC to connect bike trails throughout the park. Acceptable e-bike egress on fire roads and appropriate trails. Do not restrict e-bike paid tour groups - that would be a disaster.	1
Continue fire management, clearing. Maybe replant native species especially in open fields where simply spreading wildflower seeds over mulched grass/cardboard.	1
condition and experience here has been pretty good. no suggestion	1
Complete Azalea Hill trail	1
Closing Bolinas road to motorized vehicles	1
Clearing of dead trees	1
Clear signs noting trail etiquette.	1

Clear signs at every trail intersection, starting with the major ones (fire roads). Take a look at what Tamarancho has done in the last few years. Every intersection has a permanent map on a sign, a clear "you are here" marker and a clear indication of the name and destination of every trail emanating from the intersection so there is no ambiguity about which trail to choose. It may be impractical to have a full map of all MMWD land at each intersection, but at least a "zoomed in" view for everything in the intersection's vicinity.	1
Clear & specific trail delineations between user groups need to be provided, i.e., dedicated trails for MTBs. MMWD has not provided this & as a result, has pitted user groups against one another. Clear trails for all groups have not been provided, thus the user conflicts.	1
clarity on trail use for mountain bikes and access for electric bikes	1
Cite any cyclists going too fast downhill or on singletrack trails	1
Cell service areas that are marked where the signal is available for emergencies. Improve cell signal overall. The recent fire at Bon Tempe caused by a smoker made us aware of how critical emergency communication is. I would like to see more equity in resource distribution. As a mountain biker of 40 years turned e-biker and walker I would like to have some trails available to all bikes. Some single track trails are safer to ride than the fire roads as they are slower and not as steep and slippery with loose gravel. This would also give all users other entrances and exits that were legal and take the load off the congested entrances. Bikers are a willing and available source of volunteer labor to help make modifications and create new multi use links to the existing trails system. The Northside trail for instance would allow bikes to connect with Rock springs if it wasn't illegal. Upper Eldridge has become very rocky and challenging	1
Camp sites	1
cafe on top	1
Building more trails	1
Build more mountain bike trails and accept E-bikes throughout because they are the future of MTB riding	1
Build dedicated, erosion-resistant trails for bikes.	1
Broom removal! Especially in the Cascade Canyon Open Space Preserve, where broom has become a real problem. Also, Hidden Valley (off Yolanda Trail) used to be beautiful, but now it is choked with broom, and Yolanda itself is increasingly impacted.	1
Boundaries between Watershed & State Park clearly marked. Allow permits for mushroom foraging	1
Boulders and hazardous sections repaired.	1
Biking trails. I hike many trails and fail to understand why bikes are not allowed on the trails while horses are.	1
Bike-specific single track trails. I would also like to see some of the dangerous and falling trees, removed. Thinning of the forest for fire abatement and maintenance of the fire access trails are all high priorities.	1
bikes and others need to work together on the trail to make it a good experience for all	1
Bikes allowed on trails	1
Bikes adhering to bike routes and not on trails. I've been almost hit twice	1
Bike-friendly trails from FFX, MV and Stinson would be amazing.	1
Bike trail maps	1
Bike specific trails.	1
Bike specific trails	1
Bike parking, regular spots for folks to pass	1
Bike only trails. As a biker, I don't want to interrupt the quietude of hikers and horses. The only way to lessen encounters, is bike only trails. And yes, I would help build these trails and pay a yearly fee as I do at both China Camp and Tamarancho	1

Bike only single-track accessibility from the north and south side to the summit.	1
Bike legal trail(s) near the ridges from top of mountain (Eldridge Grade and RR Grade) to the Olema Ridge Fire Road. First priority is from top of mountain (EG and RRG) to Rock Springs Fire Road. To avoid the extremely dangerous car traffic on the narrow paved road between top and Rock Springs, and Ridgecrest Rd.	1
Bike legal singletrack.	1
Bike gates at all the trails on Tam which bikers descend too quickly (coastal from PT Ranger down to HW 1, for example. These single track trails with bike access are really dangerous for runners and hikers in the sections you can't see very far ahead. Especially with the onslaught of e bikes.	1
Bike and e-bike policy that better reflects current demographics. Trail access for bikes is still extremely limited, despite its growth in popularity.	1
Bike access!!!	1
Bike access! Cyclists make up a large contingent of users but they do not have access to any single-track. Most bicyclists are not looking for vast changes to trails, rather, a change in access laws to allow more users to enjoy natural and technical trails.	1
Bike access to narrow trails	1
Bike access on some single-track or double-track trails would be great!	1
bike access on single track	1
Bike access on non fire trail trails	1
Bike access on narrow trails - yes I'm biased since I'm a cyclist who grew up in the area and loves riding on mount tam but I also strongly believe that a lot of the negative trail politics and negative interactions people have on trails stems from the fact that single track trails are off limits across the board and biking has been seen as a scofflaw activity. It perpetuates a culture of bad behavior (on both sides) since there's no great alternatives (i.e. I'm already breaking the law so why should I be respectful? Is this hiker going to be friendly or am I going to be verbally/physically assaulted?). Also potentially more volunteer trail work activities - know that that funding isn't always there and a lot of times can be with huge variances in experience/understanding of trail maintenance but feel like there aren't a ton of opportunities in the year that aren't just broom pulling and there's definitely trails on the mountain that don't see a ton of maintenance (good and bad)	1
Bike access north to south hand east to west. Slightly wider firetrails for room for all.	1
Bike access	1
Bigger Parking lots	1
Big focus on integrating the bikers so they are happy on their type of trails and even assignments for bike use on certain days or certain trails. Downhill only trails for bikes. New trails for both hiking and biking. Not every trail has to be super smooth either. Fun expert level trail running and biking trails are needed.	1
Bicycles allowed on ALL trails, including class one ebikes. Ban people on foot, so they are not tempted to go off trail, and engage in illegal activities. It is easier to keep track of visitors when they are on bicycles, and not camping off trail, something that is easy to do.	1
Bicycles (including electric) used to access the Watershed in place of cars should be encouraged. Speed limits, trail use and courtesy should be clearly stated and enforced. Education of use maintaining trails, clear signage and monitoring of use could be supported by paid permitted use.	1
Bicycle access to single track	1
Bicycle access for some trails currently designated hiker-only trails.	1
Better/more enforcement of dogs on-leash. Separation by trails or usage times for different trail users, especially equestrians and bikes. More single-track options available or created for mountain biking.	1
Better, safe, bicycle route connectivity. eg Easy Grade.	1

Better, more visible signs and more enforcement of regulations and greater protection of hiking trails. Nature and the wilderness should always come first before recreational activities. Enforce no dogs or bikes where restricted.	1
Better trails for Mt. Bikes. Dedicated trails for bikes so hikers can feel safe that the advanced riders are on a dedicated trail and not disturbing their visit.	1
Better trail signage and more events!	1
Better trail signage	1
Better trail markers.	1
Better trail maintenance. Many places stairs/steps need rebuilding. Trails are often oversloped, by that I mean, when a trail goes horizontally - the builders put a camber/slope to promote water flow across the trail. That's good - but only need - at most an inch of slope. On a narrow trail there is more like 4 or 5 inches. Also, drainage bars placed across trails create dead zones downstream. Too much soil deposition in a single area kills the downstream plants. Putting steps in is better.	1
better trail maintenance.	1
Better trail education and etiquette for all user types	1
Better trail conditions, cleaner bathrooms. Water fountains where plumbing is available	1
Better trail and better bicycle access to trails	1
Better trail access for mountain bikers	1
Better trail access for mountain bikers	1
Better surveys! You are using mt tam and water district interchangeably.	1
Better singletrack bicycle access	1
better signage. MMWD signs are so much better	1
Better signage. Limit bikes to fire roads.	1
Better signage on trails.	1
better signage for trails more support to restrict dogs (I know you're short-staffed, but too many dogs are off leash)	1
Better signage and information about proper behavior.	1
Better signage about smoking fines, fire season warning, bi-lingual, more effective "CAUTION" and "SLOW" signage for bikes similar to what's used in Tahoe.	1
Better signage - include 'distance' to other junctions or destinations	1
better signage - i find the current signage confusing!	1
Better shared use trail access. It seems like there are more and more bikers in Marin on any given day yet the trail usage rules seem many decades old.	1
Better road quality in some areas.	1
better public transit/shuttles to reduce the car traffic and parking problems	1
Better protection and restorations of the habitat, which will also result in better water quality.	1
Better policing of scofflaw bikes	1
Better parking-trail maintenance	1

Better Parking. I see a huge number of cars stuffed into the shoulders of roads where there isn't parking because that's all they can find. The roads are also need of maintenance as the asphalt is coming apart, lots of potholes, cracks, etc.	1
better parking options, easier paid parking in the watershed	1
Better parking areas for cars.	1
Better maps, better picnic areas better parking (and would gladly pay fees)	1
Better maps Fines for off leash dogs and littering Fines for bikes on hiking trails	1
Better management with of cyclists and hikers so it is safer for everyone. Would appreciate more signage on fire roads about awareness of hikers. Thanks!	1
Better management of weekend crowds & very large groups (75+ individuals hiking as a group)	1
Better maintenance of the rocky trails	1
better maintaining of fire roads	1
Better maintained single track trails.	1
Better maintained mountain biking trails	1
Better maintained fire roads. Especially Eldridge Grade. Not the "dump gravel" and forget it approach you have used for years. More shared trails. Bon Tempe is a perfect example. That loop around the lake should be open to mt bikes for sure. Hillside Trail? Those would be valuable and easy additions.	1
better interactions between different user groups. in order to accomplish this, perhaps an educational program to make sure different users understand the access rights of the different users	1
better informed and more careful bikers	1
Better fire road maintenance	1
Better enforcement of safety regulations, esp with regard to bike speed, use of only bike-designated routes, and loose dogs.	1
Better enforcement of leash laws.	1
Better enforcement of bikers and off leash dogs. Perhaps no bike riding at all when fire roads are muddy; the bike trails create erosion and widen the trails by riding the edges. Research where we can leave large areas w/o any human intrusion for wildlife safety; wildlife corridors between these areas. Signage about sensitive plants/animals and saying Marin residents love their mountain and respect it.	1
better emergency communications	1
Better bike trails. Single track trails. Provide bikers safe opportunities for trail riding.	1
Better bike trails / fire road connections to keep bikes off the paved roads. More trail access for bikes.	1
Better bike lanes	1
Better bike accessibility and trail system. Better signage explaining "right of way" and trail etiquette for all users.	1
Better bike access (bike lanes up and down, for example) on the road.	1
Better bathroom facilities at more frequent intervals. Perhaps some monitoring of bicyclists in order not to get off trail and damage the environment.	1
Better access to trails for cyclists. More multi-use trails built or refurbished to allow more options to cyclists. Increased access would lead to less congestion on fire roads. Something has to be done for what is the largest user group on the watershed.	1
Better access for bikes - especially single track trails. Water fountains. More welcoming and encouraging recreation outdoors.	1

Better access for bicycles to trails.	1
Better access for bicycles including single track trail access. Better trail building to facilitate this (proper drainage techniques for multi-use trails, better sight lines for safety, etc). Better access to different parts of the mountain for bicycles on trails so off road bicycles don't have to travel on the roads to access other parts. Regular trail maintenance through partnerships or trail stewardship. Overall a more inclusive experience for all users of the area	1
Better access and availability for different types of trail users. I hike and cycle in the park and would like to see both encouraged.	1
Better & more signing.	1
Be sure that there is good traction possible on the trails.	1
Bathrooms at the Lake Lagunitas are terrible.	1
Barriers to bike travel on the trails they are not supposed to ride on--they ignore the rules so now we have to resort to physical barriers. Greater enforcement of violations, particularly bikes on steep narrow trails, and bikers using headlamps to ride in the watershed after dark when it is off limits. The other creatures that live here deserve some quiet time. Humans really DO NOT have to have everything they want when they want it. Especially when their desires trample on all other living things. Major maintenance on fire breaks. Once you cut down the overhead cover, invasive shrubs and grasses are freed to grow much thicker and larger. These are always more fire prone than the native vegetation that was cut down. Be thoughtful about what you cut, knowing you are adding to a maintenance burden that is already understaffed and underfunded and just gets greater each year.	1
ban ebikes	1
Ban E-bikers	1
ban bikes from any part part of Lake Lagunitas trail. This is a family trail where whole families can go around together with strollers and children and dogs. Bikes have no business being in such a situation and at such speed they are a real threat	1
Ban all horseback activity from the Mt Tam watershed. Prioritize social trails conversion to supported trail systems for bikers and hikers.	1
Astronomy events on MMWD areas such as Sky Oaks, Azalea Hill, Alipne Lake etc is long overdue. Preservation of dark sky and management of artificial light at night (ALAN) should be a key element in resource management for the sake of wildlife, flora and human benefit	1
As I approach my mid 70's, I wish there were more downhill trails (fire roads or otherwise) that were groomed or graded or enhanced with steps to ensure that we don't slip on the very dry trails from mid summer until the rains arrive. Even though I try not to slip and fall, it is sometimes very difficult (e.g. coming down from Bald Hill).	1
As an equestrian, I have found it too difficult in recent years to ride near Mt Tam because people these days seem to have no trail etiquette and it is too dangerous. Fast moving bikes on share trails are a real hazard. Bikes will only bring more congestion,	1
As a tax payer and avid outdoors person, we need more single track access. Fire roads are the most deadly places for bikers with loose gravel and off pitch road conditions to help manage rain water. To relieve congestion, open up more terrain to bikers. I lived in Utah for a long time and they managed the trails so that bikes could use on odd days of the month so that if hikers want a bike free experience, then hike on even days. That simple.	1
As a mountain biker, I would like to see the Watershed become more inclusive to large and growing user base and be more responsive to our requests for access to trails on the mountain. I believe EVERYONE can enjoy their time recreating on the mountain and bike riders want to find common ground and be problem solvers. Concerns about bike access and environmental impact, safety and trail sustainability can absolutely be managed effectively and allow trail access to bikes. Mountain bikers are and will continue to be strong contributors to trail maintenance and sustainability. With the experience and help of the mountain biking community, MMWD can significantly lower their financial burden with trail maintenance.	1



As a long-time mountain biker, I'd like to see more single-track opened up for all.	1
As a life long resident of Marin of nearly 50 years, I would like to see the plan represent the current user base mix that includes many more Mountain bikers than ever before, with all Marin public high schools, and many junior highs, having very successful mountain bike teams. The mountain biking community wants to work with the watershed on trail maintenance and finding common ground across all watershed users.	1
Around Lake Tahoe, mountain bikers are allowed on trails on alternating days. Is there a reason why this hasn't been considered for Mt Tam? I do realize that completely legalizing mountain biking in the watershed will really change things and it's likely that many trails will be overrun or even destroyed by riders with less consideration or skill. I'm torn about whether mtb'ing should be legal here, but I definitely think there should be some restrictions placed on e-bikes. How on earth did that loophole happen??	1
approve ebikes where other bikes are allowed tell hikers to stop flexing political muscle and appreciate their sixty miles of exclusive use trails	1
any plans should represent the new mix of trail users fairly. I volunteer with other groups in the Bay Area where we perform trail work and this works very well.	1
annual summit event for hikers and bikers	1
An actual trail system built and managed for today's residents of Marin. The management currently is not even coming close to meeting user needs. I didn't have time to pinpoint all the congested areas on the maps above but the numbers of existing users are clear evidence that MANY more trails are needed- now. Specifically the District needs LOTS of single track trails for bikes, probably about 50-60 miles, for starters. I realize that is sounds crazy at first, but look at the map and look at other similar population centers around the country. It is possible without harming the resource. I would also like to see a CLEAR statement and corresponding action plan regarding invasive broom species. If I hear about 1 more "study" I'll snap; its time to own the issue and get to work on it for the long term. This will likely require a full time paid crew 100 people or more, so some creativity will be required.	1
Allowing mountain bikes on single track. The I've lived in both Washington and Oregon before Marin and the amount of money, and volunteering the mtb community brings to the table is astounding. We would build miles upon miles of trails work with land managers and all the trails were multi use. We would regularly do fund raising events and I personally would donate \$1k + dollars and countless hours annually. I think mmwd working with mtb groups has far more benefits than cons. And would create a better trail system for the all Marin county residents. Bikers hikers and equestrians.	1
Allowing e-bikes on all trails that allow regular bikes. Add additional bike-legal trails.	1
Allowing ebikes	1
Allowing class 1 ebikes on trails. While they might cause more congestion on trails, they don't do more damage than normal bikes. As someone recovering from a back injury, I would love to get off the roads while on my e-bike and be able to access trails.	1
Allowing Bike access to more trails.	1
Allow single track non-bike mountain bike trail that is off limits to others. Open certain trails to non-ebike mountain bikes on certain days.	1
Allow pedal assist e bikes	1
Allow Mtn bikes in all trails where horses are allowed, and more!	1
Allow mtb on single track, More enforcement of dog leash laws, keep horses off of the trail or at least force horse owners to bag their poop	1
Allow mountain biking on the single track trails.	1
Allow mountain biking on more trails. Allow mountain biking at night (when there are less hikers/horse to be more safe). Maybe a day of week system can work to allow biking on more trails (similar to how Tahoe Rim Trail works?).	1
Allow mountain bikes. Multi use trails or bike specific trails.	1

Allow mountain bikes and ebikes in more areas.	1
Allow more trail building for mountain biking	1
Allow more trail access to MTB's	1
Allow more single track access for mountain biking	1
Allow more mountain bike freedom. Understand we are growing exponentially and deserve fair use. Been here for 40 years dealing with discrimination and being treated like bad guys.	1
Allow more ebiking	1
Allow more cyclists on trails that are also open to horses. These are public lands, and I don't understand how or why, as a cyclist, I am not allowed on trails that horses are legally allowed to be on. It seems antiquated. I don't leave shit on the trails, I don't force pedestrians to get off the trails so that I can pass. I love horses and am all for their access too, but there are so many pedestrian and equestrian legal trails that are off limits to bikes that it makes my head spin.	1
Allow more access for bikes. More bike specific trails, not just fire roads.	1
Allow kayaks on the lakes	1
Allow fewer cars. Have people use the shuttles. Only cars with a permit should be allowed to enter.	1
Allow EVERYONE from all walks of life the ability to enjoy MT Tam makes for a better world as people need nature and easy access which we have today and I hope always.	1
Allow emtb riders same privilege as acoustic.	1
Allow ebikes so I can make outings with my family	1
Allow ebikes on fire roads and at least some single track trails	1
Allow e-bikes	1
Allow dogs off leash on firetrails like Marin County Parks	1
Allow dogs	1
Allow cyclists on all trails. Implement a system like is done in Switzerland. Rules of the road/ etiquette to allow cyclists on all trails but establish a strict "Walk bike when passing" or other etiquette to prevent conflict.	1
Allow Class-1 E-Bikes anywhere other Mountain Bikes are allowed!	1
Allow biking on singletrack. Perhaps copy what they do in Boulder CO at the Betasso preserve. They allow bikes with the exception of Wednesdays and Saturdays where they are not allowed - only hikers and runners	1
Allow bikes on trails that don't currently allow bikes.	1
Allow bikes on single track, it's embarrassing that there is so little single track in the place that mountain biking started. Get real.	1
Allow bikes on single track	1
Allow bikes on single trail track trails. Create directional loops for bikes to follow to support better relationships w hikers	1
Allow bikes on more trails, especially single track. Some dedicated single track bike trails on tam proper would be really really nice - I can't believe they don't exist.	1
Allow bikes on more trails, and teach all user groups trail educate.	1
Allow bikes on more than just fire roads	1
Allow bikes on more paths	1

allow bikes on every trail	1
Allow bikes and bikers to have more access	1
Allow bikes & to not make it a political issue. We all want to be on trails: Hikers, runners, bikers, dog walkers, Horseback riders. This is why we live here. If you restrict certain groups, it creates animosity. Everyone can figure out how to get along- right of way, courtesy, mutual respect. These are the tenants of a functioning society- not by banning certain activities	1
Allow bikers to use all the trails. We live here, pay taxes, and buy water from Marin Water. We should be able to use the trails as well. Thanks	1
Allow ALL e-bikes. They allow elder folks and families to enjoy My Tam in a way never possible before. They have revolutionized recreation and are here to stay. Please align your policies with surrounding park and trail systems	1
Allow all class ebikes! Not just class 1, the throttle on class 2 doesn't make it a moped or goes any faster than class 1. Get with the times! Ebikes are here to stay, don't resist progress! Allow ALL kinds of bikes on certain trails, not just fire roads. Allow hiking in after sunset. It's a shame that nature closes at sunset. Close parking lots and allow walk ins!	1
allow all bikes on all trails. every other place on earth has figured this out. we can too!!!	1
allow access for MTB bikes on single track trails especially any that are near paved roads	1
all trails open to mtn bikers	1
All good. E-bikes okay; allows access for older bikers like some of us.	1
All good for now!	1
All bikes on all the trails especially single track trails	1
after a tree falls across the trail, ie. a popular trail Phoenix lake, Bon Tempe dam trail, have the trail maintenance crew get out there sooner to cut the log off so people don't have to do gymnastics to get around. The MMWD PAID STAFF, WHICH IS THERE YEAR AROUND, Mon-Fri. waited way too long this past winter on Lake Bon Tempe at the south end where the trail was muddy and people had to traverse quite a ways around before there was some infill material other than hikers throwing a few inadequate branches across. Popular, heavy use trails need post storm or generally speaking better timely fixes.	1
Adopting social trails vs decommissioning. They have existed at no cost for decades - sometimes longer. They are by definition "socially maintained" and the impact at least to most eyes, is far less than bringing in chainsaws, bulldozers and other heavy, noisy, and polluting vehicles to build new trails. Decommissioning often involves piling debris ( debris should be cleared for fire safety...) Many of these trails have existed since I was a kid in some cases - 50+ years, some I am sure older with little impact. Leveraging these trails and allowing access would help reduce congestions and un-desired confrontation.	1
Address eBikes - restrict to certain trails only	1
Additional trails for multiuse	1
Additional multi-use trails open to bikes!	1
Additional MTB trails would be better for both hikers and bikers.	1
Addition signage	1
Adding or remaking a handful of trails to be single-track designed-for-bike trails. Hikers welcome but aware that they're on directional trails intended for cyclists. Can use trails/roads higher on the mountain than typical hikers access and/or slightly 'redundant' routes. For example Fish Gulch (or its adjacent social trail), which can be alternatively navigated via Eldrige or Shaver, and could favorably utilized and improved as a downhill directional cycling trail Initial trail building should be volunteer supported or even volunteer led. Off road cyclists would pay a day-use or annual pass (whether e-bike or not) that's free for seniors, children or low/mid-income individuals.	1
Add more legal trails for mounts bikes that aren't fire roads	1

Add bike only singletrack. There are hiking only trails so how about biking only trails as well?	1
accessibility of single-track trails for biking	1
Access to trails for mountain biking	1
Access to single-track trails for bikes	1
Access to single track trails that allow connections with larger loops for recreation and transportation.	1
Access to select bike-friendly and bike-specific single track trails.	1
Access to Mt. Tam and its infrastructure is one of the greatest parts of living here. Expanding opportunity to others to enjoy the area should be prioritized.	1
Access to more singletrack mountain bike trails	1
Access to more single track trails. More bike racks in the Watershed to accommodate those of us who bike to the lakes and then hike. I can tell by your questions on this survey that you assume everyone drives to the Watershed, but that simply is not the case. I care about the environment, I bike there!	1
Access to drinking water	1
Access for non e biking	1
access for class 1 ebikes	1
Access for bike beyond the fore roads	1
Access for all types of mobility. Especially bicycles they are currently over restricted.	1
Ability to pay by credit card at each parking location.	1
Ability to have dogs off leash when respond to verbal commands	1
A water fountain along Bofax at ridgecrest. Bikes allowed on single tracks certain days a week.	1
A reduction in the amount of rangers sitting around waiting to give out tickets. Put them to work doing trail maintenance or educating trail users. What good are they doing sitting around in their cars waiting for someone to do something wrong.	1
A reduction in horse usage in the watershed or a requirement for equestrians to pick up after there animal.	1
A real restroom with sink & soap	1
A ranger on the trails now and then. There are some rude out of town mountain bikers..	1
A nicer bathroom	1
A much more moderated and reasonable approach to allowing mountain bikes on Tam single track trails. I have lived in the area most of my life, and 90% of my time in the watershed is trail running, but I do occasionally mountain bike ride, and believe that this group has unfairly been marginalized, stereotyped and excluded from enjoying the mountain. I'm a major One Tam, MALT, etc. donor and believe there are reasonable and equitable rules that we can all live with.	1
A mountain bike only trail as well as making sure hiking trails aren't overgrown	1
A more inclusive trail system that represents the user base. Mountain biker account for a large percentage of the users but don't have the same percentage of single track trails available. I want to see trails created or convert social trails to bike trails. There are so many hiker only trails and no bike only trails. Why?	1
A more friendly approach to Mountain Biking and the diverse user groups of the mountain. There is a wide misconception that cyclists / mountain bikers don't care about nature, the mountain or the environment around the the mountain. This couldn't be further from the truth. We appreciate nature just as much as anyone else and in most cases probably have a deeper respect for the the mountain than the average user.	1

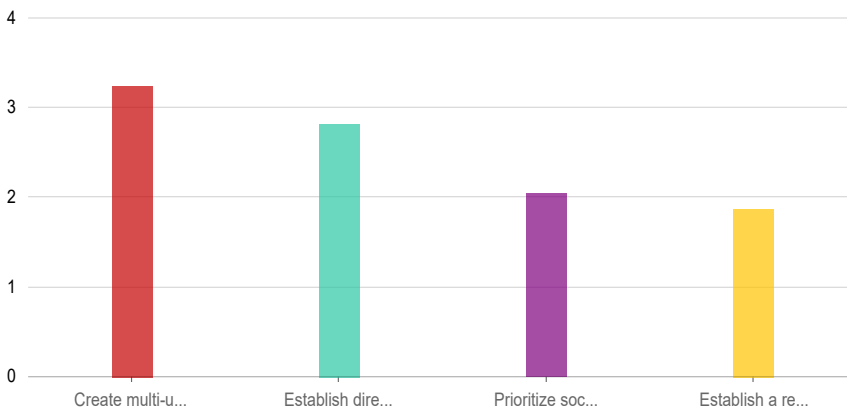
<p>A lot more signage and a lot more enforcement of the rules in remoter areas. That said, 99% of users are a awesome! The rude entitled bicyclists on blythedale ridge road, like to tell me (a pedestrian) that I should yield to them on the steepest and most difficult pieces of terrain are really the only ones I feel make it difficult to enjoy. Also bicyclists on the HooKooEKoo trail (not road) that when I have said bikes are not allowed, tell me that they know, and then I see them there again.</p>	<p>1</p>
<p>A little more signage for trails and trail junctions.</p>	<p>1</p>
<p>A few professionally built bike specific trails, located away from in high traffic areas. This would draw bicycle enthusiasts a a from the crowds of hikers, runners and dod walkers reducing the trail incidents of bikes and pedestrians</p>	<p>1</p>
<p>A dedicated single track for bikes or other method to share public resources. More water filling stations like at west point inn</p>	<p>1</p>
<p>A comprehensive trail network, not just a bunch of random trails. That is, trails should be designed to get to and from destinations and typical loops. There should be trails for different modes of transport and different levels of mobility. I'm on the trails almost every day. There are a few congested spots where I see people, but once you get a mile from a parking lot, I see very few people. The trail network should be designed to disperse people. Bikes need to be allowed on most trails, especially outside of congested areas. Exceptions can be made where there are multiple trails in a similar area. There need to be more and better restroom facilities. Trails should be engineered and maintained to appropriately shed water and reduce erosion. There should be far more signage for all reasons: way finding, education, rules, etc.</p>	<p>1</p>
<p>A biking trail that goes from The Alpine dam area to BonTempe Lake on the western shore. Bike access to BonTempe trails. Finish the Liberty Gulch trail</p>	<p>1</p>
<p>A better distribution of trail access for people on bikes. While many trails are not appropriate for bikes, many others are. And you can reduce conflict through separation of use, which can be achieved through time allocation (bikes on even days, no bikes on odd days for example). A park pass to help raise funds to maintain and build trails and associated facilities such as rest rooms and water fountains. Enhanced stewardship and ambassador programs with incentives to supplement trail staff and ranger patrols.</p>	<p>1</p>
<p>1. We need to make sure this rec plan represents the current user base, and is inclusive of all activity groups. not just hikers/walkers 2. The MTB is ready and eager to help with this process. We are willing to volunteer for trail maintenance and any other support the district needs with the goal of reducing costs and learning how to work together. 3. The main goal here should be finding a common group that works for all user groups while keeping in mind we all need to be problem solvers in order for everyone to enjoy their time in the watershed.</p>	<p>1</p>
<p>1. No more 'improvements' 2. Open reasonable single track trails to mountain bikes.</p>	<p>1</p>
<p>1. More rangers. 2. Enforcement of regulations— stop allowing the few to damage watershed and irritate/harm regular visitors</p>	<p>1</p>
<p>1. Distributing access more evenly and fairly across user groups. 2. Adopt existing trails for multi-purpose use, including bicycles 3. Investment in enhancing recreation experience for cyclists</p>	<p>1</p>
<p>1. Equitable access to trails for mountain bikers</p>	<p>1</p>
<p>1) The plan needs to represent the current user base and be inclusive (represent mountain bikers, a growing and very diverse user group relative to equestrians or other groups) 2) The MTB community is here to help. We have and can contribute to trail maintenance to support the water districts needs, reducing the financial burden, and this should be considered.</p>	<p>1</p>
<p>1) Please allow Class 1 E Mountain bikes on any trails that allow regular bikes. E Mountain bikes have become life changing by enabling those of us who are aging to continue to live fully, and participate in the activities, and the wonders of Marin county that we love so much, and have the exact same impact as regular bicycles. 2) Please also consider opening up some of Mount Tam breathtaking single track trails to bicycles in a more inclusive manner that allows all of Mt. Tam's users to responsibly and safely enjoy all that Mt. Tam has to offer, while also respecting hikers and other users.</p>	<p>1</p>
<p>1) Most of all, this foofaraw around e-bikes has to stop. They are used rarely, anecdotally, and should be "allowed." You can't tell the diff between a Class 1 and a Class 2. 2) Better restrooms!</p>	<p>1</p>

1) more trails to spread users out across the mountain and reduce conflict 2) more opportunities **advertise d on trails** for trail work to be done (so people know about it and will help so we can maintain our trails better) 3) more access for bikes	1
1) I would love to see more trails open to bikes. I think that moderately increasing bike access would provide more recreation opportunities for the growing population of local bikers (especially kids), would reduce traffic congestion, and would actually reduce tensions between hikers and bikers by better spreading out bike traffic. 2) I would also appreciate seeing more trail building in general. As an environmentalist I do appreciate the need for conservation, but as the Bay Area's population grows our trail growth hasn't nearly kept pace accordingly. This creates more crowding on existing trailheads and more conflict on existing trails. But it's also an equity issue - if we want to make the outdoors more welcoming for our growing population of residents, and encourage them to experience all the benefits the outdoors have to offer, we need to build more trails for folks to enjoy while increasing access to those trails as well.	1
1) I would like to see more frequent trail signage reminding hikers, runners, etc. about proper trail etiquette / basic rules of the trail. When hiking or running, endeavor to stay on the right side of trail and share the trail (e.g. do not spread 5 persons across a fire road thereby "blocking" the trail to oncoming bikes/hikers/runners.) 2) Consider installing (simple) mile or half mile marker signage on Railroad Grade. It is a very popular trail for kids' first rides to West Point Inn / top of Mt. Tam and it would be a good way for kids to track their progress. Also useful to hikers and runners! 3) Does it make sense to have Mt. Tam app and a QR code on a sign at trailheads to download the app? This may already exist. It could be used to easily report hazardous trail conditions, unusual animal sightings, broken water pipes, vandalism, or other info which may be important to MMWD.	1
(1) More outreach regarding volunteer opportunities (trail maintenance, broom pulling, etc.) (2) Trails in some places (especially on south side) are badly eroded and steps in steep areas should be replaced as needed. (3) More overnight (off-road) camping opportunities for individual hikers besides Pantoll/Bootjack).	1
#1 - More trails! #2 - separate trails for bikes and hikers. Bikers will make and maintain the trails	1
fewer illegal bikes on single track	1
Some of the eroded and wet icky single track trails maintained better. More staff for education and enforcement	1
single track bike access consistent with virtually every other open space in California Even the mount rose off / even day for bikers would be a huge improvement	1
removal of dead trees and bushes and removal of cut brush. removal of French/Scotch broom on Horseshoe trail going from the ridge down to the Blithedale fireroad Please post sign to alert people of volunteer days/hours so we can help!	1
- More access for class 1 ebikes/regular bikes on single track trails; user specific and alternating days on trails. Stop bias surveys and daytime meetings. Most of us have to work. - Seasonal or rain related trail closures to reduce erosion and to protect species nesting periods (as makes sense based on a non-biased biologist recommendation) - Less enforcement and more community building. Our money is being wasted on a polluted and negative environment and facilities have deteriorated. I feel unsafe from excessive enforcement and enabling people who hate cyclists to have so much power over the district and allowing their aggressive behavior at public meetings and on trails. - Develop an organized volunteer effort for trail planning, building, and maintenance. - Recognition of cultural differences for different recreational users - Avoid extreme radical views of environmental protection from an elite few as the baseline for the entire county. All of us care about the environment	1
- Many more rangers on trails to enforce non-smoking ordinances and open flame fires. - Increased enforcement and penalties for smoking violations. - Comprehensive cell phone coverage for emergency fire reporting - Increased and improved signage regarding all of the above	1

- Improve access for mountain bikes. This can include evaluation studies with less used trails and those that are farther away from parking lots. Consider restricted days (i.e. Tue/Thu/Sat or some other combination) that grants access to bikes on certain trails and advisories to other user groups of those days. - Deprioritize de-commissioning of social trails. These are some of the least impacted and damaging trails on the mountain. They usually follow the terrain and are not constructed so to divert water flow from the natural routes. - Institute a Communication Campaign that improves the relationship between user groups. Foster a sharing and neighborly attitude on the trails versus a divisive, entitled mindset by a small, but significant user group. - Institute trail maintenance days for single track (narrow) trails. The Watershed would be pleasantly surprised at the number of volunteers that would show up for the work in exchange for improved access. 1
- Enforcement of illegal bike riding. - Realize the current policies are unenforceable and useless. - Hire more Rangers to enforce and educate. - Work more closely with other agencies to come up with consistent messaging and continuity in policy. - Do not allow any E-bike anywhere except on fire roads. - Close off redundant trails. - Limit use in sensitive areas, with seasonal closures and maintain the watershed as a watershed, NOT a recreational sight. - Spend budget on your mission statement promise "a mission to provide the community with "reliable, high-quality water" and to sustainably manage the Mt. - Tamalpais Watershed to protect water quality and biodiversity." as well as fire-wise management. 1
- Better parking infrastructure with clearer + more enforced paid parking rules - Newer/better/ more durable bathrooms - increase number and reliability of water fountains in the area - consider balancing number of non-local (tourist) vs local (resident of immediate area) visitors to minimize parking/trail use headaches 1
- Access to some single track trails for mountain bikes and also e-mtn bikes 1
- Mt Tam seems stuck in some 100 year old debate and has not really improved its trail system for all users. Bikers over here walkers over here, and not many new trails. I am an older rider 61, I road a Mt Bike for years and now ride an E-bike due to poor knee and hip health, it is a very important part of staying healthy for me. I do not ride faster, but can ride without causing pain to my joints. I would like to see more trails designed for bike use on the Mountain. Fire roads are not bike trails. Cyclist need cross country type trails and use of the mountain. I spend a lot of time at Lake Tahoe their trail system has gotten way better over the last 40 years and continues to expand for all users. Marin cyclist are forced on huge wide open fire roads that encourage speed and do not encourage one to slow down and enjoy nature. 1
- I do wish the hikers and bikers and horseback riders could have less upset with each other. Perhaps we could do different things on different days, as otherwise some folks tend to be upset at sharing their space/ trails, and/ or bend the rules which upsets others. Of course, most folks you meet on Tam are super nice friendly and kind, it is that kind of magical place. 1

Answered: 1,588 Skipped: 676

**Please rank the following trail management strategies based on your likelihood to...**



Rank	Answers	1	2	3	Average score
1	Create multi-use trail connections to separate visitors in high use areas.	50.63% 848	30.39% 509	12.06% 202	6.93% 3.25 116





<p>You can see the above, but watersheds all over the United States manage a more diverse set of users: watercraft of all sorts, motorcycles, swimmers, bikers, hikers, horses, etc. How do they do it? What weaknesses does MMWD consistently cite that these other areas don't? I'd like to see scientific evidence that riding a bike on a well-built, skinny trail directly affects the quality of my drinking water. Or that riding on a skinny trail somehow creates more erosion than wide fire roads with MMWD vehicles driving on them. Or that skinny trails lead directly to consistent user conflicts (not the hyper reaction of hikers and horseback riders who are looking for a fight). None of this matters. After living here for 25 years, riding and hiking the watershed, it is clear that there is an obvious bias against mountain bikers. It is also clear that any change will be glacial, and bikers must always make the biggest concessions. I'm a teacher -- a public servant -- and I'm moving away.</p>	<p>1</p>
<p>You are trying - continue to cut down dead trees Restrict all bike access -- they are ruining the trails</p>	<p>1</p>
<p>You are doing a wonderful job of managing this beautiful resource. However times are changing. New recreational activities and trends are out there. More people have bikes, dogs, electric toys, etc. Lots of young people are moving to Marin. We are seeing more traffic than ever on our trails. Please work on better management of recreational activities! More access for mountain bikes! More dog-friendly trails!</p>	<p>1</p>
<p>You are asking the wrong questions above on the trail mgmt strategies. Please collaborate with our local bike orgs for great ideas and ways to implement. Super stoked about the opening of Liberty Gulch. That will make accessing Pine Mtn much more enjoyable. Thank you!</p>	<p>1</p>
<p>You all do an excellent job managing the diversity of uses and responding to public demands. Don't let the turkeys get ya down:)</p>	<p>1</p>
<p>Yes. Because the watershed is porous and there are only 6 or 7 rangers to police it and there are millions of visitors, many of them barreling down the mountain illegally and running us off the road, scaring the creatures, even in threatened species zones, riding at night etc., how are you going to manage that? We need less bicycles and more management and preservation otherwise there will be more conflict. We have been dealing with this problem for decades with MCP. They are underfunded or use the funds not necessarily conducive for preservation and they still have not managed the preserves that the watershed pours into. I see more problems than solutions recreation on the watershed. Ultimately we need to lessen visitor-ship if we want to keep the wildlife and wildlands. I would like to know how the CDFW sees this plan.</p>	<p>1</p>
<p>Yes. I want to emphasize my deep appreciation for the watershed and its management. I've grown up here. The experiences I've had throughout my childhood and early adulthood on this mountain are invaluable. They have shaped who I am in so many ways; I've hiked, biked, and ran here. However I am continually disappointed at how the MMWD has facilitated mountain bike usage on its land. Sufficient cycling infrastructure needn't turn the MMWD land into a mountain bike amusement park or make the mountain unsafe, as some have argued. Virtually every public park in the world facilitates mountain biking and hiking, co-equally, without issue. It's high time that the MMWD expanded MTB accessibility on its land to reflect the size and interests of its current user group. Moreover, if done properly, this will improve the safety and experience of everyone on the mountain. It would also undoubtedly diminish illegal trail usage, which I agree is a problem. It's time to do the right thing.</p>	<p>1</p>
<p>yes. do it. no more waiting</p>	<p>1</p>
<p>Yes, please allow more access for mountain bikes, especially in more remote non congested trails such as Kent trail. Be more creative in ways for all users to access trails such as alternating days. Eg hikers/equestrians have access Monday, Wednesday, Fridays. Mountain bikers have Tuesday, Thursday.</p>	<p>1</p>
<p>Yes, I know a lot of people like myself who would like to donate their time to improve Mt. Tam Watershed. A monthly sign-up log with future planned volunteer events would be a great way to support the Water Shed while enjoying its beauty.</p>	<p>1</p>
<p>Yes, I don't appreciate the choices above. They all point to allowing bikes' type solutions. Directional trails won't work as the bike riding community does not follow rules. they are not to be trusted. I do not support items 2,3,4 above. No more new trails - fix existing illegal trails before new trails made. This survey is biased.</p>	<p>1</p>
<p>Yes! Bring cyclists into the fold in a positive way and let's end the cycle of derision by the vocal minority who "fear" cyclists, restrict their access and reinforce negative interactions THANKS FOR ALL YOUR WORK ON THIS!!!</p>	<p>1</p>

Years ago you had a desalination test project. We recommend constructing a desalination facility, possibly near the Marin Rod & Gun Club area. As well. It is significantly unreliable to expect that a pipe line across the Richmond-San Rafael Bridge to be reliable if there is a significant drought in the Bay Area, It is important to establish a moratorium on new construction in the county. With some exceptions. I believe new housing and other buildings need to be subject to strict review to consider hook-ups. It does not make sense to rubber stamp hook-ups with the current drought and future predictions.	1
Would love to participate in restoration and/or reforestation efforts	1
would like to see tax dollars be used to develop more single track riding for mt bikes.	1
Would like to enjoy more single-track mountain biking	1
With proper signage and staff, people can learn to be gracious on the trails. It's not difficult.	1
With more people crammed into the Bay Area, we are seeing greater impacts on the watershed. Protection of this watershed is MMWD's highest priority. We need to have some system whereby nonresidents (with the exception of school kids on field trips) have to pay something, more than residents. Commercial bikers must be licensed. ALL bikes should be licensed so that hikers who are harmed by bikers have a way of reporting them. Illegal bike riding is not respectful of the land or wildlife. Snakes and lizards cannot get out of the way in time; other animals sense them as predators, immediately taking off and shunning an area where bikers ride, even more so than hikers, horses or dog walkers. This group has shown that it does not self-police or care about other watershed uses. They should have their privileges revoked until a system is in place where ALL users and wildlife are safe, and our waters are keep free from erosive sediment. There is also the concern about ebikes sparking a fire.	1
With an older population in Marin County, many bike riders need the assistance of an e-bike to enjoy cycling in the watershed. We must find a way to allow them to be used.	1
Why are hikers so angry and aggressive on Mt Tam?	1
While the environment and watershed health should always come first, it is not an excuse to expand bike access as many other watersheds and natural areas are already open to cycling recreation.	1
While I'm a hiker, I feel that bikers should also have access to trails. I suggest dedicated trails on certain days. Also, please know that people against bikers are advocating taking the survey over and over. You should make it so that one person can only submit one survey.	1
While I use a non-electric assist bicycle, my wife uses an e-bike to get to the area. e-bikes can provide greater accessibility to Mt. Tam Watershed and permit broader exploration, however this use must be done with great courtesy. Awareness of impact to the Watershed, speed limits and courtesy to others is of utmost importance. I feel that education and paid permitted use are required. Car traffic should be restricted to encourage use of bicycles or bus shuttle. Cars idling in circles to park should not be happening in our parks.	1
When I was a kid everything was open to all. Now everything is closed. That's needs do change. Open To All.	1
When I travel to other regions, trails are shared by various different user types (i.e. hiking, biking, equestrian) with very little conflict. If there is way to improve trail access in an equitable for all user groups, this might help mitigate tensions that seem to be unique to the MTW.	1
When I go out riding my bike in nature, it is not merely for "exercise" or for "thrills" - it connects me to nature, and motivates me to protect and renew the landscape that I am traveling through. When I ride in the watershed, I am troubled by the fact that the watershed only offers me dangerous fire roads - I can only imagine how alienating a road like Shafter Grade is for a newcomer to the watershed.	1
What is being done to mitigate fire dangers involving removal of dead trees and other vegetative fuel?	1
What is "social trail closures?" Makes no sense at all.	1
What a valuable resource to have in my "backyard"! Our whole family loves it. We have used it for more than 45 years. Please continue to make it accessible.	1
What a jewel!	1

What a great place to have in our backyard! Thanks for all that you do to make it even better!	1
We've been extremely patient, we want MORE, FUN, SAFE & LEGAL MTB ACCESS, NOW! Thank you for listening!	1
We're fortunate to have caretakers like MMWD, GGNRA, State Parks, and County working together to preserve Mt. Tam's resources. Hiking on Mt. Tam is always a good experience. Thank you.	1
Well done - Tam is great, and that's because lots of wonderful people are working very hard to make it great. Thanks for all you are doing (and for seeking input from the public).	1
We've been talking about bike access for years. Less talkin more walking	1
We still find many mountain bikers who ride too fast & are rude to hikers, walkers & equestrians.	1
We should not have to pay or accommodate bikers in large numbers coming from outside the watershed districts	1
We should also convert all trails that are farther from trail heads and congested areas to multi-use bike trails. That will reduce congestion in high conflict zones and get the bikers to cycle to legal trails farther afield - capitalizing on the increased range that the bike affords.	1
We need solutions for bikes now. We also need to legalize E-bikes on fire roads and any new trails that are developed. But to be clear, single track trails that separate use is a big need for bikes.	1
We need mountain bike trails that are not fire roads. This is easy to do by just changing the sign at the top of existing trails. Most mountain bikers can ride anything they put their minds to so no modifications are needed.	1
We need more mountain biking trails	1
We need legal trail access for mountain bikes in the watershed. Directional and bike priority trails are needed to reduce user conflict. There are plenty of underused hiking trails in the northside of the watershed that would fit the needs of the bike community. This should be a really easy solution given the sheer number of mountain bikers in Marin. If the county is worried about increased traffic from out of towners, then the county should restrict parking and require reservations for the weekends (ADA users can be exempt). This would allow local taxpayers to access the watershed from their backdoors via their bikes and keep traffic to the watershed from increasing. We can also be creative and allow unrestricted access to all user groups in the watershed during non-peak hours. There are plenty of reasonable solutions here that would put an end to the bike embargo.	1
We love using the Mt. Tam watershed by bike, e-bike, and hiking (with and without our dog). It's such a great asset to the region. Thank you!	1
We love to watch the sunset too!	1
We love the watershed. We thank all the workers who make the trails and nature available to us.	1
We love the watershed. My only problem is rude, dangerous bicyclists. Perhaps fining them would help to get the word out that they need to be more careful of hikers.	1
we love the mt tam watershed. how lucky are all of us to have this amazing open space for all!	1
We love mount tam. We'd love West Point to also be more usable. More camping options and events. Not just pancake day. We could do so much more !	1
We love it.	1
We live in Kent Woodlands, therefore access is easy for us by foot. We do ride class 1 electric bikes on the fire roads. This has made our retirement so much more fun. It is still plenty of work with our particular bikes because they are so heavy, but we feel safer on them We hope the fire roads and perhaps a few single track s will always be available Thanks!	1

<p>We have watched with concern over the past several years as some mountain bikers have become increasingly aggressive in their encroachment on single-track trails. The ones who do this often come across as entitled bullies who think they are the rightful owners of the mountain. I think it is only a matter of time before a pedestrian is badly hurt or killed by a reckless mountain biker on a single-track trail. I have almost never met an impolite pedestrian on a single-track trail, but mountain bikers - likely because they feel guilty, or maybe because only a certain kind of person flaunts rules the way they do - are very often rude and aggressive. I have no problem with bikers in general, just the militant ones who threaten us on single-track trails.</p>	<p>1</p>
<p>We have an incredible potential to create world class trail recreation system while still protecting our drinking water. Areas like Hood River, OR, Bellingham, WA and Bentonville AR all have amazing trail systems with little conflict. All 3 of those areas also deal with water quality and habitat protection concerns. The erosion and water turbidity issues of trail users are insignificant in the big picture. With proper trail building and maintenance, those concerns would not be an issue. Furthermore, regular construction and maintenance activities by Marin Co. Fire and MMWD contribute far more erosion and soil disturbance than bike trails ever could. A single pass of a grader or bull dozer is equal to thousands of years of bicycle impact. The reasoning behind blanket bans on bike access to singletrack trails is not supported by science or common sense.</p>	<p>1</p>
<p>We go to the mountain to GET AWAY from highways every strategy you have given because of your need to please the needy bikers makes our nature enjoyment fail. You want to put cars on sidewalks, what is left for anyone else? This whole exercise is like a parent desperate to please the spoiled child. Hikers and horsebackriders lived in peace for our whole history until bicycles began demanding more. After this what makes you think they will be satisfied? Your capitulation to enhance the one user who is driving out all others is shameful. Instead of enforcing the rules you have now and keep the bikes on the roads you will make Mt. Tam a theme park for racing, and one user, the one user who is the one who causes more accidents, damage, and drives all other users away. I could never bring my grandchildren on a hike because we always have to look over our shoulder to avoid collision, there's no more walk/ride and just enjoy the world, watch the seasons change, follow the seasonal migrations.</p>	<p>1</p>
<p>We desperately need some easy and intermediate kids MTB loops that are lower on the mountain. All the flatter trails are at higher elevations and kids are not strong enough to peddle there.</p>	<p>1</p>
<p>We both hike and bike on trails that surround the area of Phoenix lake. When we bike, we arrive at Natalie Coffin on a bike. When we hike we drive and park. The parking lot is congested but manageable except on sunny weekend days, then we avoid it. I do not feel that unidirectional trails or changes in the trail use labeling is needed. I do think that existing rules should be enforced, currently they are not. Thank you</p>	<p>1</p>
<p>We avoid high-use trail heads. Except for Natalie Green when we're lazy.</p>	<p>1</p>
<p>We are so lucky to live here. I appreciate the effort to check in with the visitors and I am curious to see the results!</p>	<p>1</p>
<p>We are so lucky to have such an amazing watershed in our back yard. It should be open to use for everyone to enjoy its' natural beauty.</p>	<p>1</p>
<p>We are so fortunate to have this as part of our community and able to share for all to enjoy. Recognition that biking has grown substantial since I started riding here in 2002 and allowing more access of single track so riders have options versus "poaching" trails and creating conflicts with others. Many other communities are successful in balancing this usage across all people</p>	<p>1</p>
<p>We are so fortunate to have this amazing watershed nearby and available and hope all interested parties will come together to preserve and maintain the space for all to enjoy.</p>	<p>1</p>
<p>We also need much more work on our trails--many are falling apart, eroding, and preventing access.</p>	<p>1</p>
<p>We all love Mt. Tam in our own ways. Let us access it in all ways responsibly.</p>	<p>1</p>
<p>We all live here and pay the same taxes, yet there are a few that claim it for their own use. Please let us mountain bikers enjoy our area just like others. The mountain is big and we have enough space for us all. Open up more trails for mountain bikers to connect loops on the backside of the mountain. where the hikers just don't go that often.</p>	<p>1</p>
<p>We all get to know the faces of the people that frequent the trails as a regular workout during the week. These people are responsible whether hiking, on ebike or mountain bike or walking the dog.</p>	<p>1</p>

Way too many closed trails. Increases burden on those that are open creating downward spiral.	1
Watershed public safety is a critical MMWD responsibility. Insure adequate watershed staffing. Insure staff is prepared and equipped to best practices/professional standards.	1
Watershed needs to deal with the explosion of E bike usage on Mt Tam And stop acting like its not a problem	1
Very difficult for hikers to share a trail with bikers. It jeopardizes hiker safety	1
Utilize more open trail policies. Prohibition doesn't and never has worked. Construct new multi use trails and bicycle priority trails to help off set the many trails bikes can't use. Employ rangers to do more meaningful and efficient work than patrolling singletrack trails for bicycles.	1
Used to mountain bike and would love to start again. Just got a dog and hope to visit more now.	1
Use positive reinforcement to improve visitor's trail etiquette, hand out bells to bicycles, add more trail options for bicycles, tone down policing and educate instead.	1
use has increased since Covid and it is great to see more enjoying the Mt. Am on the mtn 2 or 3 times a week hiking or biking. I hike as much as ride. Have taught my kids to do the same. Lived in Kentfield for 29 years. Frankly have seen bikers friendlier. Have seen rare instances of problem with bikers going to fast. Have seen a couple of trail "improvements" that created undue hazards (e.g. bump on Indian Fire trail where a slow sign now exists - multiple crashes observed from people not going fast - fix it! Ebikes enable those of us to explore areas not as congested and so act to reduce conjection. Ex. Used to primarily do Eldridge/Indian Firetrail loop. Now we can go all over the mtn and rarely see other bikers or hikers. They have governors to limit speed, are safer to ride especially down hill, don't damage trails, and enable those of us who can no longer ride without assistance. Neither bikers nor hikers should have preference or should limit the other.	1
Until more bike specific alternate trails can be added, establish odd-even calendar day use for bike trails near the ridges from top of mountain (Eldridge Grade and RR Grade) to the Olema Ridge Fire Road. Also odd-even calendar day bike use for Northside Trail. And add signs to better inform bikers and hikers of the recently allowed bike legal use of the Miners(?) Trail between Stage Coach Fire Road and Mountain Theater (which is currently and only recently the only non-paved road bike legal access between top of the mountain to Rock Springs Fire Road).	1
Unfortunately many e-bikers have not really begun any learning curve to coexist with others, and while most mountain bikers are respectful, there is still a negative element out there.	1
Try alternate day use (bicycles vs. walkers) for contested trails. Mandate bicycles use bells to warn other trail users.	1
Trails ate for everyone. We all pay tax dollars for open space. Discriminating against bikers and favoring the tiny percentage of equestrians is neither right nor fair.	1
Trail user attitudes and conflicts occur most commonly near trailheads and parking lots. The majority of hikers don't go far from their car, whereas bikers do. Enabling bike single track access in areas farther from those congested parking areas makes sense.	1
Trail use for all. Consider rotating days for bike, horse, hiker usage on dome singletrack	1
Trail usage plans need to better represent the the user base on those trails. They are antiquated and need to be completely rewritten. They were established in a time before mountain biking and no longer fairly represent the demographic of trail users today. Cyclists probably outnumber equestrians 1000 to 1, yet equestrians enjoy nearly unfettered access to trails in Marin County. Dogs have more rights on our trails than cyclists and they aren't even human. Cyclists are a huge resource that you could tap on to help with trail maintenance and financial support, yet you treat us with animosity. Times have changed. You need to change with the times.	1
Trail management should be limited to maintenance to keep the trails usable. Money spent on additional activity is excessive.	1
Trail decorum and respect of individual visitors has been declining for some time, esp mountain bikers and e-bikers	1

Trail access should be focused on inclusiveness for all users and most especially local ones. Mt Tam is the birthplace of mountain biking, but unlike other parts of the country, you aren't allowed to mountain bike on a nywhere anyone would want to mountain bike. Fire roads are roads, and maybe good for gravel bikes, but n ot mountain bikes. MTB users are more movitated to assist in trail building and maintenance than any other user group and should be utilized to save the district money. And let us build some purpose built trails. Just a few! Class1 ebikes are just 10lb heavier bikes. A reservation system is a terrible idea and would be detrim ental to the usage by locals who visit often and can't plan. It would turn Mt Tam into Muir Woods, just anothe r tourist stop. Stop wasting resources on destruction of social trails. They are/were existing game trails alrea dy, and their usage has very little environmental impact and they aren't hurting or negatively impacting any u sers.	1
Toxic relationship between hikers and bikers needs to be settled, we both want to enjoy nature and apprecia te where we live. There is no reason to be so cruel to others.	1
Too many bikes have kept me from riding a lot of the trails that we used to ride.	1
Too many bags of dog poop left all over the place !	1
Those rankings above are all biased toward fewer people on the watershed. How about: Better Fire Rd Mai ntenance More Single Track More water fountains More restrooms Maps with distance and difficulty It's clea r the MMWD does not like bikes on OUR watershed. You need to realize bikes and hikers generally get alon g just fine. A few passing rule signs would be helpful. Reminding hikers to hike on the RIGHT side of the fire roads would be helpful.	1
Those are not very good management strategies	1
This was an unusable survey regarding maps use and shifting and prioritizing couldn't move items	1
This survey question on trail management strategies is non-functional or rigged to result in a specific outco me. Drag and drop doesn't work on iPhone. Results should be disregarded.	1
This survey is a nice effort but falls short in its ability to capture the reality if how many of us use mt tam. Ex amples: I don't have a "typical" entry or exit point. I decide on the day where I want to hike/ride. Some days I cycle to the trail, some days I drive, some days I walk. There is no way to express this in the survey. I somet imes use a paper map, sometimes an app, and sometimes a picture I took with my iphone of the map at the trailhead. In summary, the survey's limits may result in a skewed picture of the nuanced way msny of us use the mountain.	1
This survey has a ton of structural/selection bias. The last question with the ranking has a default which I wo uldn't be surprised if the default is the overwhelming winner	1
This survey doesn't work for me at all. The Maps are useful only for those who are very family with trails and roads. The Mechanism for pin pointing specific locations , E.g., parking congestion, is difficult for me to man age; I don't have a set routine for visiting the mountain—like a particular weekday. Sometimes I walk on non -MMWD lands on the mountain. I avoid roads and trails heavy used by bikes— places I used to hike are no w too busy with bike traffic and surfaces have deteriorated with constant traffic. The List of possible manage ment actions doesn't allow me to say: None of the above! Generally, I'm afraid as an older Walker of encoun tering bikes, especially coming from behind on restricted trails where they shouldn't be. E-bikes are totally u nsafe for both rider and slow/moving walkers or horseback riders like me. I Have to accept them only as AD A support. All in all, survey is not designed to capture preferences of casual visitors — and there are many o f them!	1
This questionnaire doesn't allow me to capture my experiences - I go during off hours to avoid crowds and h ike all over the mountain so there's no one (or two or three) go-to place(s) and I don't think any of the propo sed trail management strategies are necessary yet. The maps are fine and it'd be nice if the MMWD would p ut free ones at trailheads (it did 30 years ago) like the East Bay parks do - I am forever running into people t rying to use their smart phones to figure out where to go - and the new, "improved signage is sometimes co nfusing. Dogs are fine (I don't own one). My one gripe - bikes on hiking trails.	1
This may not be feasible, but it would be great if horse riders could pick up horse poop, or at least sweep/m ove it to the side of the trail.	1



This last question should be deleted from this questionnaire/ survey (" Please rank the following trail management strategies based on your likelihood to support the strategy") . Honestly, this entire survey is extremely biased. Maintain your single-track trails and fire roads. Never mind all this restricted use and congestion side show (it's a reaction to specific interests in neighborhoods abutting your land). A stronger MMWD presence educating and enforcing your all-too-many-rules-already is what is needed.	1
This is one of the worst constructed surveys I have ever seen. I've spent 40 years as a marketing research professional and know that responses from this survey will be totally useless or misleading	1
This is a very poorly written questionnaire	1
This is a very poorly designed survey and hence I expect folks will give up resulting in a lower than expected response rate. Putting pins on maps is a horrible idea that you won't be able to aggregate anything from. Ranking of trail management strategies didn't work. How navigate and how arrive only allow 1 option each.	1
This is a treasure. We support the foundation, as our budget permits. Some trails may need to be closed to let the area recover... know that's not popular. Thank you	1
This is a critical inflection point in the watershed's history. You have the opportunity to embrace and leverage the different user groups to steward and protect these beautiful lands for future generations. If you engage with mountain bikers and local mountain bike organizations, you can restore the watershed trails to improve their current state, and make them both sustainable and even fun. You can decrease congestion in areas where conflicts are likely by providing access to trails that hikers/riders aren't typically able to access. I really encourage the watershed board to look beyond restriction and enforcement, and look towards collaboration and engagement with this ever-growing user group. Thanks for your consideration!	1
These are a bit nitpicky, but... more prominent reminders of basic trail etiquette for the (wonderful) explosion in trail use that we've seen since Spring 2020 - e.g. maintaining situational awareness (no in-ear headphones while hiking/running/biking), reducing nuisance behavior (hiking/biking with speakers blaring music), right-of-way awareness (including uphill vs. downhill right of way).	1
There is plenty of space on Mt. Tam for everyone to do their activities of choice, and in my opinion it's not logical to allow equestrian and hiking seemingly set all the usage guidelines and constraints. They are just one small use case in a diverse set of outdoor enthusiasts and activities.	1
There is already damage on off-trail areas from mountain bikes eroding the hillsides. Permitting e-bikes would create further destruction and accidents by increasing numbers and speed. The bikers that are off trail are dangerous to hikers, walkers and runners and the environment.	1
There is a lot of crime in California Mountain biking is not a crime. The criminalization of mountain biking is ridiculous.	1
There has been a huge increase in bike usage, and no new trails. It seems like the watershed policies do not reflect the user demographics. Opening up more trails far from trailheads would provide more recreation opportunities and keep bikes away from congested trailheads.	1
There are some really awful waste dumps up on the west peak. I recognize this is not on the watershed land, but the paint from the old buildings peeling off will ultimately end up in our lakes. Probably worse stuff inside those old buildings. Please get out ahead of this problem and clean up the west peak north side.	1
There are so many trails illegal to bikes on Tam. It seems extremely unfair. In my experience, cyclists have less issue sharing the trails with hikers than the other way around. There needs to be a happy medium. It would be devastating to limit the amount of accessible trails to bikes and would impact Marin's attractiveness to the cycling community.	1
There are so many hiker only trails that I feel should be opened up to mountain bikes as well. Alternatively, allow local mountain bike organizations create some "mountain bike only" trails to enjoy.	1

There are more Mountain bike riders using trails than hikers and equestrians. The trails should all be multi-use or go with an odds and evens system to better serve the users in the lands. Other states and regions use very effective methods to allow more people to enjoy more trails. I do not ride an e-bike but my wife rides a pedal assist ebike and if they are not allowed then she cannot ride with me. Further, I anticipate getting an e-bike when I am too old for my regular MTB. (Probably within 8 years since I am now 62). If I cannot access trails then, I will not be able to exercise in this beautiful place. That would be unfair and discriminatory. Thanks.	1
There are many good fire roads for the bikes and hikers. I do not believe the bikes need more.	1
There are great examples from other places to draw from to see how people with different recreational interests can work together to all enjoy outdoor spaces. It is possible to maintain narrow trails that are not an erosion concern. Mt. Tam is an amazing place that we want to share and protect.	1
There are areas where a user on foot could not return from within an hour or two of sunset when the park closes. Allowing cyclists ( MTB) to use those areas at the very least during opening/closing times ( 1-2 hours in the am and 1-2 hours before sunset) would make more sense as they would still be out of the park by sunset where as a hiker would not. Would love to see social trails be incorporated vs decommissioned... much easier to maintain as they have for years with out issue. Would love to be able to share these trails with my kids vs something that was made with heavy equipment. There are so many areas with successful multi-use programs where the communities work together. Would be much better for local economies , merchants, county revenue if the current user base was better reflected in land use and access. Thanks!	1
There are already too many bikes in the watershed trails and this makes it difficult for hikers to enjoy the trails. Please don't allow electric bikes or one way trails. This only limits hikers in the watershed.	1
There are a lot of children riding bikes. Let's keep them inspired by opening up more single-track to bikes.	1
The younger generation loves experiencing nature on a bike. MMWD policy of exclusion is stuck in the past. It's time to be forward thinking.	1
The way that you word your survey is important. Asking should we ban class 1 E-Bikes is a poor question. Most people who have no idea that some bikes assist the rider, while others are closer to motorcycles and have throttles. I ride an e-bike and I do not know what the class system, so I can imagine that most of your survey people who don't ride bikes will have no idea what that question really means and will just check a box to move on.	1
The watershed is awesome. It's one of my favorite trail running destinations and I cover hundred of miles there on foot every year. It's also a spot my family and I go to for hiking and fishing. I also enjoy mountain biking and I wish there was more of an effort to accommodate intermediate and advanced riders with access to single track trails or "bike routes" (where bikers are given priority over hikers, but both are allowed).	1
The watershed is an incredible piece of land that should be both protected and opened up to more multi use trails. The days of 5 to 6 angry old school environmental zealots controlling what happens and who gets to utilize the land should be put behind us. Isn't inclusion for all and diversity the current theme?	1
The watershed is an amazing place and I have been using it all my life. I love it. Thank you for that!	1
The watershed is a valued resource for water, ecology, and recreation. Despite recreation understandably being the lowest immediate priority, it is essential for the public good and long-term political viability of the local watershed. Recreation is also the best and cheapest source of goodwill and stewardship from the public, and is untapped due to the current recreation policy that favors dated, exclusive, obsolete, and unsustainable "conservationist" perspectives. We need inclusive and modernized recreation policy that reflects the diversity of users and user needs. MMWD is taking a modern approach to Vegetation Management that faces the same obsolete conservationist objections, it's time for a similar shift in recreation policy, also based on facts, data, and the long-term viability of the watershed.	1
The Watershed is a treasure. I hope it can be a place that's open to all user groups. It's OK to have "hiker only" and "bikers only" areas...as long as there are enough of each (as well as multi use). Like Open Space, it's a place to come and enjoy and leave stress somewhere else.	1
The watershed is a treasure.	1

<p>The watershed is a glorious recreational resource and one of the best aspects of living in this area. I appreciate that the watershed is available to hikers, bikers, equestrians, and nature lovers, young and old and in-between. It should be kept as open and accessible to everyone as possible. We already pay a LOT in taxes and MMWD rates; please do not make the mental, physical, and emotional health benefits of recreating in nature available only to those who are privileged to be able to afford trail permits or usage fees. (I do support parking permits/fees)</p>	<p>1</p>
<p>The Watershed is a beautiful place that we are all fortunate to be able to enjoy. Access to the Watershed, in my opinion, is a privilege, not a right. And for those who feel it is a right, they need to learn that along with rights come responsibilities. Bicycles, in particular, are a nuisance. Walking along peacefully and then along come the cyclists, racing along the trail, disturbing the peace. Same goes for dog owners. We'll be walking quietly and along comes someone's dog, off leash, running at us.</p>	<p>1</p>
<p>The watershed is a beautiful area and should be enjoyed for a variety of activities. Preserving the water storage is of utmost importance. Should/could the amount of stored water be increased? Areas that are important for at-risk flora and fauna are not well-demarcated. I believe they would be respected if known. I have health issues that limit walking, but not biking, and do not have the ability to maintain the fitness required for unending hills. Studies have shown that there is minimal change in trail damage with e-bikes. There is a sense that there has been recent increased trail damage and this has been blamed on e-bikes. There also has been a marked increase in trail use by all since the pandemic. Blaming it on one group is probably inaccurate. Increasing the number of legal MTB trails with variety for differing ability levels will decrease the number of illegal/social trails created. Thank you for making fact based decisions and involving the community in this process</p>	<p>1</p>
<p>The watershed has a lot of space that is away from the base of the mountain that gets very minimal use. And plenty of areas that could have additional trails created that would take pressure off existing trails. These new trails should be for bikes. If there is a problem with \$ to pay for the creation of the trails or the ongoing cost to maintain, implement a pass system and charge for access. It works at Camp Tamaramcho.</p>	<p>1</p>
<p>The Watershed has a choice: continue to cater to the fears of a small but vocal predominantly white, elderly, wealthy hiker cohort, or serve ALL its constituents, which would mean sharing with the most diverse user group by age, race, and income: cyclists. It seems older white folk have a problem with sharing. Fear of the unwashed masses? It's past time to set that aside and have EQUITY in access!</p>	<p>1</p>
<p>the volunteer events can be tough to find and suggest advertising through email lists, social media and partner organizations (MCBC, tamalpa trail runners, etc) to get the word out. Same goes for any 'charity' event scheduled for the area (running races, bike events, etc)</p>	<p>1</p>
<p>The vast majority of the times i am ebiking in the watershed, bikers and hikers are courteous and respectful of each other. Occasionally there will be a biker coming down a grade too fast for the conditions. These are usually younger riders on a non ebike gravel or mtn bike. I support more education efforts and signage to encourage these riders to slow on well traveled paths and be respectful of hikers and dog walkers who share the path</p>	<p>1</p>
<p>The trail management strategies listed above are underwhelming and completely inadequate. If that is the extent of the district vision this process will not lead to improvements and we should look for new leadership/expertise.</p>	<p>1</p>
<p>The trail access in MMWD is completely outdated. Bicycles need access to the watershed single track trails that is representative of our numbers. It makes no sense that all single track on the mountain is closed to bikers because of equestrian concerns.</p>	<p>1</p>
<p>The top priority for the Recreation Plan, should be drafting achievable management elements that allow for the sustainable long-term recreational use of Mt. Tam. The vision for this Plan must look at a long-term, 25+ year horizon. As the bay area population grows, so will recreational demands on Mt. Tamalpais. The challenge for the Plan will be accommodating this increased recreational use, without negatively impacting natural resources. Regardless of varying opinions, E-bikes are here and more will come. For consistency, MW should align E-bike use policy with surrounding MCP, SP and NPS agencies. The Plan should evaluate current recreational issues including, an inventory and conditions assessment of of current MW Visitor infrastructure, demands and impacts to these facilities and present potential future alternatives for accommodating expected increased users that minimize resource impacts. The Plan should be adaptive and allow for reevaluation of these alternatives.</p>	<p>1</p>

<p>The Tam Watershed must make greater room for cyclists within its trail network and resources. Not only is the existing system unfair — the vast majority of resources have been dedicated to the exclusive use of a limited number of users — but also the use of financial resources to maintain the watershed grossly misrepresents the county's tax base. MMWD risks a revolt at the ballot box if more equitable policies are not introduced in a reasonable manner. Of course safety and environmental concerns must be weighed and addressed appropriately, but they are "not" an excuse for inaction on this point.</p>	<p>1</p>
<p>The strict nighttime closure of roads and trails seems unnecessary and it forces users to have more possible interaction.</p>	<p>1</p>
<p>The strategies above are four of probably 20 to consider, and are not enough to rank. Each may be reasonable depending on circumstances, but not as blanket strategies. The overall goals of the Rec Plan need to be considered and stated. Is there a technical advisory committee, and /or a citizens advisory committee in which to vet possible goals? Suggest a goal of providing inclusive recreation. Define the problems the Rec Plan is trying to solve, and the geographic zones where they exist. Define the issues in different areas. Show us you have done your analysis. Cyclists are a major use group. Suggest trailhead strategies that address parking, and visitor services. Suggest better use of existing trail resources, by linking trail loops together for ALL users. This requires opening some single track trails to multi-use (including bikes). Suggest management strategies to disperse visitors quickly. BTW, please put a biker on the MMWD Rec Plan poster at Phoenix Lake.</p>	<p>1</p>
<p>The status quo is a failure. The watershed is an amazing place, but has not been given appropriate attention. The users and the flora and fauna have suffered. The people who support the watershed do not have the appropriate resources to do Best Practice management. I've traveled to many places and rarely have I seen such a poorly managed gem. The management strategy is appropriate for 1922, not 2022. People must be able to visit the watershed to appreciate it and understand where their water comes from. This requires better trails, multi-modal trails, educational signage and facilities, and more. The district needs to embrace inclusive, not exclusive policies. Many organizations, such as Access4Bikes, Marin County Bike Coalition, and the local high school mountain bike teams can provide major resources to help rehabilitate and maintain trails. Take a look at the trails they maintain in other jurisdictions and you will see they are far more environmentally sound than MMWD's trails.</p>	<p>1</p>
<p>The status quo clearly is not working. It is time to stop listening to a handful of equestrians that believe they have an inalienable right to trail access on Mt. Tam. Access is a privilege. Let mountain bikers earn single track access by putting us to work improving the watershed.</p>	<p>1</p>
<p>The recreation plan should consider and represent all users. By creating user specific trails with designated access could really help decrease the congestion and conflict opportunities. This could also decrease the burden and overuse of trails that are clearly showing changed patterns, i.e., wider trails where single file is now 2-3 abreast, walking around wet places and widening the trail (harden these areas when wet or temporary bridges), basic trail etiquette, leave no trace, stewardship and ownership. Collaboration and problem solving with groups will empower a future so that everyone can seek and gain the experience desired, so long as we treat one another and the resources with respect. Thank you for creating the opportunities for us passionate MMWD recreators to contribute ideas, concerns, solutions, sweat and maybe even tears to preserve and honor our beautiful mountain</p>	<p>1</p>
<p>The ranking section did not work for me and I was unable to fill out. I support multi use trails, separate use trails, and directional trails. Biking access needs to be improved. Make good loops by connecting trails to allow for multiple routes for people to enjoy that are frequent visitors. Keep some trails hiking only but allow bikers to access and enjoy the trails. Directional trails work when trail density is an issue. Habitat restoration is a given too and all of the above needs to meet water supply and ecological goals.</p>	<p>1</p>
<p>The quality of life for wildlife and for quiet appreciators of nature has deteriorated badly since 2008. Limit the number of visitors, and increase ranger presence to quell the baser behaviors.</p>	<p>1</p>
<p>The priority system is not cooperating with me. I'm lease disregard. Can you offer water fountains with drinkable water?</p>	<p>1</p>
<p>The previous boxes would not move to prioritize them. My order would be: 1. Create... 2. Establish a reservation... 3. Establish directional ... 4. Prioritize... The map sections do not work correctly either.</p>	<p>1</p>

The population of bikers on Tam will only increase over time as the sport and e-bikes in particular continues to grow. It's time to create a system that allows both hikers and bikers to enjoy the watershed and feel safe on trails. There are many ways this could be done.	1
The open space areas on the watershed are a wonderful resource I appreciate each time I visit.	1
The obvious: the aggressive effort to expand biking on Tam is at odds with the primary mission of preserving the watershed and maintaining a safe, gentle place to hike in peace. You people are being rolled by a small number of people given to violating existing rules and backed by enormous financial interests... Mountain bike market size was USD 3.51 Billion in 2020 <a href="https://www.einnews.com/pr_news/552720648/mountain-bike-market-trends-business-growth-leading-players-and-forecast-2028">https://www.einnews.com/pr_news/552720648/mountain-bike-market-trends-business-growth-leading-players-and-forecast-2028</a>	1
The night sky is a precious natural resource that should be shared and managed like other resources. The disappearing night sky due to light pollution risks future generations never knowing what a starry night looks like. It's not too late to reverse this. A great first step is simply awareness, and having stargazing events at Sky Oaks, Azalea Hill area etc is a wonderful way to engage the public and fulfill the MMWD's mission of recreation and protecting natural resources on Mt Tam	1
The mtb community represents a large percentage of the user group, yet still does not have access to any water district land. We play a huge role in the maintenance of these trails as we are the ones holding trail work volunteer events and have our community show up. I hope that the younger generation, such as NICA racers, will have a place to practice and a place to maintain trails through the water district. They have a required 12 hours of trail work needed per race season and want to show up to these events for access. I hope the new RMP can include mountain bikers as we represent a large percentage of the user group and we can have a better future for ALL.	1
The Mt. Tam Watershed is essential to our well-being	1
The Mt Tam watershed is run extremely well. I would love to see increased access for biking. That is by far my first priority. I also like the idea of reservation-based parking systems, which would add to predictability when visiting. We frequently consider visiting somewhere like Pan Toll, but end up not doing so because we don't know if we'll be able to park. That also leads to people driving aimlessly around the mountain, looking for parking, which can be quite dangerous.	1
The Mt Tam Watershed is in an urban environment and prioritizing 'nature' in an urban environment makes limited sense unless you tear down the homes. Closing trails to reduce the impacts of visitors is just dumb because it will simply concentrate the visitors further in ever shrinking areas. However, fixing the trails so they don't become streams when it rains is the proper way to reduce the impacts of visitors.	1
The mT Tam watershed is gloriously beautiful and I want it's use to be enjoyed by as many people with different interests as possible BUT the e-bikes and reckless riding of any bikes at high mph down the trails is a routine risk and worry for all groups including bikers. Either enforcement or restriction.	1
The Mt Tam watershed is a beautiful recreational resource that should be available to all users, and that includes Mtn Bikers. The exclusion of Mtn Bikers from single-track trails is a result of a very few, vocal people who think the mountain should be used in their way only. Again, as a long time, tax paying citizen, I find the situation deplorable and grossly miss-managed catering to the vocal minority.	1
The Mt Tam Watershed is an amazing area. Ideally more multi-use trails are either opened up or created in order to absorb more visitors.	1
The mountain is for everyone, including mountain bikers	1
The mountain is a giant tinder box with fuel for fire everywhere. That needs to be addressed ASAP.	1
The mountain bikers are organized, and lobbying for access. Be sure you reach out to hikers to get their views.	1

<p>The mountain bike community is an untapped workforce. If given access to trails, mountain bikers will offer to help take the burden of maintenance off of the staff's hands. If given the opportunity for new trails they will offer to help plan, build, and maintain them for the life of their access. This includes the removal of invasive species. For example: Bikers will pull all broom yearly in a trail corridor if given access. By providing single track trail opportunities to bikes, it will take them off of the popular hiking trails, therfor providing inproved safety and user experiences for everyone. The fire roads were not built for recreation and are unpleasant for the majority of bikers. This is why bikers seek trails to ride. Trails are more fun, safer, prettier, and a deeper nature experience is had.</p>	<p>1</p>
<p>The mountain bike community has taken an active role in the maintenance of the watershed over the past few years. However, the extent of our efforts in maintenance is not reflected in our level of access to the watershed. Based on our level of engagement, the new RTMP must address the needs of mountain bikers to an extent equal to that of other user groups. As mountain biking and hiking continue to rise in popularity throughout the pandemic, trail congestion continues to worsen; one way to mitigate this, while bringing mountain bikers to the table, would be to create bike-only, bike-priority single directional trails that contour fire roads or popular double track trails. Not only will this reduce congestion on fire roads, the creation of new single track will provide cyclists with the more challenging terrain we crave, it will also slow down our speeds, increasing overall safety, and prevent cyclists from seeking out illegal trail in order to be challenged.</p>	<p>1</p>
<p>The MMWD board and staff need to stop fighting the inevitability of massive growth in the mountain biking sector. Adding more rangers and closing social trails is a worthless effort. Opening up more isolated single track trails for mountain bikers is the only path forward.</p>	<p>1</p>
<p>The maps on this survey are rather strange. I enter the water shed from a variety of places on a variety of days and times. From Yolanda at Worn Springs, to any of the lakes via bike, to many other trail heads. Occasionally I will drive somewhere for a hike or bike ride. that the wonder of this area. So much variety and so much room for all users.</p>	<p>1</p>
<p>The maps didn't load for me on mobile unfortunately so I couldn't fill out every in the survey, but I do support connector trails, one-way on certain trails, and closures for weather /maintenance/ conditions. Others we need more fair access supported by all communities that use the trails to keep our pristine home as the gem it is. Thank you for listening!</p>	<p>1</p>
<p>The list above tends to separate users and I see no benefits from them, they promote divisiveness , being nice to each other and respecting all users is better. Slow and say hello. I acknowledge there are some mainly young Mtbikers who are rude and go too fast but trying to control them by imposing rules and restrictions is probably futile. Education education, education, go slow and say hello, we're all out there for a good time.....it really is a paradise and we should treat it as such...</p>	<p>1</p>
<p>the last question is very misleading. I do not want any changes , by having to rank them, it makes it appear that we want to make changes. I am very happy with the daily interactions with locals and visitors, horses, dogs, bikes, e-bikes. I keep waiting for some problem to arise, but i have not witnessed anything that is concerning. The biggest concern is not ebikes, it is bikes coming down to fast given the surroundings. my main activity is riding the trails on my bike and i like to go fast, but only when surroundings and conditions are proper. passing fast, riding down railroad grade fast on a busy day, going fast around blind turns, these are common sense things that we need to remind folks. But i have not seen anything that is causing concerns.</p>	<p>1</p>
<p>The lack of single track access for bikes is a major concern and a community need that is not sufficiently being addressed by the current plans.</p>	<p>1</p>
<p>The lack of legal single track mountain biking trails means that mountain bikers will just continue to poach trails. A better solution is to develop a plan where alludes are accommodated through priority times for different uses.</p>	<p>1</p>
<p>The lack of bike accessible single track and the lack of connection across the watershed is a huge problem. This is a massive trail system that can be managed consistent with the many other successful single track multi use sites all around Calif (tahoe rim, Santa Cruz, annadel). Fair access for all.</p>	<p>1</p>

<p>The gist of this survey seems to focus on the congestion of visitor interactions. Since I only hike during the week, I can't say that there have been large crowds of hikers. My problem is with cyclists as a whole. I don't think that they should be on the trails at all. Their speed and many times rude behavior interferes with my enjoyment and safety as an elderly person in being in a quiet and natural setting. If allowed at all in the watersheds they should be limited to fire roads with a speed limit. If congestion is a problem on the weekends then any of the above strategies that are implemented should be limited to weekends only. Ps: It has been by experience that cyclists seldom observe current speed limits going downhill.</p>	<p>1</p>
<p>The folks maintaining the Mt Tam Watershed recreational areas are doing a fantastic job of caring for this precious resource--thank you!</p>	<p>1</p>
<p>The equestrian voice re trail usage needs to be eliminated on certain parts of the watershed due to the almost non-existent number of equestrians using almost all southern and eastern watershed trails and fire roads. They seem to be a ghost voice, a very vocal NIMBY minority regarding the mountain bike community's usage of Mt Tam's watershed.</p>	<p>1</p>
<p>The e-bike question is really hard. I don't mind people who ride responsibly, as it's great to get people out to experience nature and this might be their best option. However, there are some e-bikers on the mountain who (it's obvious) don't have previous biking experience, so they ride up steep &amp; curvy terrain at speeds that are too high. This can put others (bikers, hikers, runners, equestrians) at risk. The e-bike becomes too similar to a motorcycle in the hands of someone riding irresponsibly.</p>	<p>1</p>
<p>The drag n drop isn't working on the ipad. Only able to touch select first option or reset. Generally would love to see more trail access for those who enjoy the area on bicycle.</p>	<p>1</p>
<p>The drag and drop ranking doesn't work on a phone. So disregard my choices. - I'd love to take my kids riding on mt tam but there is nothing but fire roads. We need fun contour trails that everybody could ride. The watershed is massive! There is no reason we can't have more access with sustainable trail building. Thanks!</p>	<p>1</p>
<p>The drag and drop function completely failed and so did the Geo pointers which I did over and over. Please rank the following trail management strategies based on your likelihood to support the strategy 1 Top priority: Prioritize social trail closures and restoration activities to reduce the impacts of watershed visitors. 2 Low priority: Create multi-use trail connections to separate visitors in high use areas. 3 Not a priority: Establish directional trails in high use areas to reduce congestion. 4 A TERRIBLE IDEA because it disenfrances those who hike spontaneously, plus all who don't use the internet, many people: Establish a reservation parking system for high use trail heads to reduce visitor impacts. Get the taxpayers \$ back from the consultants that made this survey. Poor functionality invalidates the survey. Don't get trapped in the idea of "Balance." Watershed is for water it's for nature it is not for mountain bikers no matter how much they throw tantrums.</p>	<p>1</p>
<p>The drag and drop feature above isn't working. Please do NOT require a reservation system. Causes people to over stress about visiting, reserve days when maybe they wouldn't naturally visit. Just let people enjoy the park and be adults about it.</p>	<p>1</p>
<p>The district should encourage greater involvement from users such as coordinating broom pulling days, trail maintenance projects and other volunteer opportunities. Leverage local groups such as student groups, neighborhood associations, Marin Bike Coalition, Marin Conservation League, etc. The more involved and educated the users and local residents are, the more ownership we all take in the health of our cherished local resource that is Mt. Tam. It would be good to see the rangers leading by example in this way. It would be nice to at least occasionally see rangers engaged in activities to care for the resource rather than just driving around acting like police officers (although I recognize that is part of their responsibility as well). Thank you.</p>	<p>1</p>
<p>The District is so far behind most other land and resource managers at the federal, state and local level on establishing multiuse trails for all legal users. This has been a glaring bias that needs to be addressed. Mtb cyclist have been unfairly marginalized for too long through single track bans. Lift the ban where it makes sense and hold people accountable. This should be a priority. Of course, this would exclude ebikes as that would be a disaster for a busy multiuser trail. The district could sell ebike passes for fire roads only to Medicare eligibility people or those that can verify a true disability. Use the proceeds to hire rangers. Make the ebikers pass an exam on how not to speed and respectful with other people. I've lived here 24 years and this ebike menace is truly historic and bad for our open spaces.</p>	<p>1</p>



<p>The days of restricting mountain bikers' access to certain singletrack trails simply needs to change and reflect the evolution of mtn biking and (real) user base of Mt. Tam trails. Opening such trails to mtn bikes will spread visitors, reduce congestion and create a more positive experience for all who visit/use Mt. Tam. So many singletrack trails go unused (by anyone) b/c of longstanding rules restricting access to areas of Tam where the primary use of such areas would be mtn biking. The advocacy groups formed to work with mountain biking are many and will gladly work with MMWD to continue to develop plans to open new areas for everyone. (Zaalea Hill) Groups like Access for Bikes and MCBC have worked diligently to educate MMWD and fund "new" trails, but I feel MMWD Board of Directors and management now needs to step up and recognize the desires of a high percentage of its ratepayers. Thank you for asking and good luck with the many opinions I'm sure this survey has generated.</p>	<p>1</p>
<p>The current trail system is out of balance with far too little access for bikers and a predominance of access for hikers-only.</p>	<p>1</p>
<p>The business of the watershed is water not recreation. It is a privilege for us to be able to use it. Bikes are the most costly user and create the most unsafe conditions for other users and cause the most disruption to others users and wildlife (creating social trails &amp; night riding). I am unaware of any other users who constantly break the rules as much and then get rewarded. I am not sure why the district is caving into their many demands. If bikes are not happy with Open Space, State Parks, Bike Parks and the 90 miles of fire roads available to them then what makes us think they will be happy with partial trail access? When bikes get access to trails, they displace other user- see what happened at China Camp State park. Secondly, if bikes are unable to follow and respect the few safety rules we have in place now, what makes us think they will follow the trail usage signs being suggested (Only certain trails, direction).</p>	<p>1</p>
<p>The biggest problem with the management of the mountain is the lack of education the visitors have in regards to recreation and conservation. The second biggest problem is the lack of new properly constructed trails being made. This leads to poorly built illegal trails. The lack of signage and education leads to six different cut throughs to get to one trail because people either don't know they should use a specific trail to access another trail or they are unaware of the impact the cut throughs cause.</p>	<p>1</p>
<p>The bicycle restrictions are silly. I've seen smaller trail systems sustain multi use on single tracks pretty much everywhere else on the planet. Tam is the only trail network I've visited that is so extremely anti-bicycle. Unfortunately this NO BIKES thing pretty much everywhere on the mountain creates the division, entitlement and tension amongst users.</p>	<p>1</p>
<p>The average age of the population of Marin is 60 +?. E bikes have been a revelation for us seniors , by allowing us the continue to enjoy the Mt. we love</p>	<p>1</p>
<p>The amount of ebikes in the watershed is surging and uphill speeds are dangerous combined with bikers coming downhill. Ebikes have increased the number of beginner MTBers riding on the mountain so more information about rules and regulations is needed for education. Of course, dedicated MTB singletrack would decrease the strain on the current trail system.</p>	<p>1</p>
<p>The above software was not cooperating. Might support: 1.Create multi use trail connections to separate visitors in congested areas. 2.Prioritize social trail closures and restoration as needed. Do not favor: 1. Directional trails, due to formidable geography, and the need to access and return from different points... There may be a few spots where this would work... 2. Reserved parking... Too much gaming of this online... Instead there should be: * * Weekend park 'n ride shuttles from Larkspur Ferry to the Coffin Greene trailhead; the upper Meadow Club trailhead; Alpine Dam-Cascade; and possibly a stop at the Bon Tempe-Lagunitas access road off Bolinas. 30 minute intervals during peak hours, if possible, and with either bike trailers, or generous racks or standing room for bikes inside. Hours should from 8 to 6, or 9 to 7, preferably. Thanks for asking!</p>	<p>1</p>
<p>The above management strategies are bureaucratic and over controlling. First come, first serve is the only strategy needed. The existing limited parking throughout the park is all the restriction needed but should be enforced.</p>	<p>1</p>
<p>The above listed trail management strategies are terrible. They all seems to try to limit access, which is a fruitless strategy. YOU NEED MORE TRAILS, not less. Its honestly worrying that you seem to be so far off from where many users would like to see.</p>	<p>1</p>

The above "drag & drop" feature is not working via iOS. Require all Water District staff using e-bikes for trail enforcement to attend mandatory bike skills & trail building/maintenance clinics. To place them on e-bikes with no knowledge or skills is not only dangerous for all, but hypocritical of the outdated policies they enforce. Until they are trained, they are the bad actors within the watershed.	1
The "Trail Management Strategy" tool above doesn't work on mobile devices, so here are my preferences ranked: 1. Create multiuse trail connections... 2. Establish directional trails... 3. Prioritize social trail closure s... 4. Establish a reservation parking system... I am STRONGLY apposed to any reservation parking strategies. Parking should always be first come, first served. That preserves freedom for users to come and go from the watershed as they please which sound be a high priority, especially for local rate-payer users. The reservation system at Muir Woods has killed any spontaneity in going there and I pretty much never go there because of that, parking hassles, and frankly more crowds than I ever remember...especially out if area users. Please invest in more legitimate parking such as paved shoulder parking and expanded parking. Vehicles are already doing it by driving into gravel, brush and other plants at roadside shoulders. Make it legitimate and reduce damage at the same time.	1
Thanks for the survey and more multi use trail	1
Thanks for letting us ride on the trails!	1
Thanks for doing this survey	1
Thanks for doing a great job. Lets try alt days on Azalia hill when complete.	1
Thanks for being open minded and forward thinking as we reimagine the watershed.	1
thanks for being here	1
Thanks for at least learning data from those who filled this out.	1
Thanks for asking	1
Thanks for all your hard work! More bike-legal single track trails please!	1
Thanks for all the work the staff does. Enforce mtn bike speed limits and open mtb access to more single track!	1
thank you!	1
Thank you to all at A4B, especially Vernon for all your hard work in keeping Marin County trails open, accessible, and well maintained	1
Thank you for your work in keeping it a beautiful place to visit!	1
Thank you for your hard work. Keep us hikers safety in your mind when giving more and more trails to bikers.	1
Thank you for your hard work.	1
Thank you for your hard work!	1
Thank you for what you do.	1
Thank you for the work you do to protect our water while opening these extraordinary lands to recreation.	1
Thank you for the survey and thank you for all of your hard work! I have lived and grown up in Marin County my whole life and appreciate the flexibility to hike, ride my bike as well as my horse in Mount Tam watershed. I am concerned about the E bikes because people go so fast!	1
Thank you for the opportunity to share our feedback for a more inclusive approach to our beloved Mt. Tam!	1
Thank you for the hard work	1
Thank you for the access to the trails. It is so important that we all have this natural resource to explore and exercise on. I hope that more can be created for bikers.	1
Thank you for taking care of Mt Tam-it's a beautiful place 😊	1

Thank you for surveying the public!	1
Thank you for providing this incredible resource to our community. Through collaboration we can coexist and protect the watershed for future generations.	1
Thank you for providing and maintaining such a wonderful and unique location. I hope your continued efforts are recognized and respected by visitors from near and far.	1
Thank you for making this survey available!	1
Thank you for keeping all of the bathrooms clean. I wish there was a way to keep bikes off of Lake Lauganitas and make it only for hikers.	1
Thank you for helping us maintain our beautiful area in ways that are responsible for our future.	1
Thank you for going through this recreation management process. It has been long overdue. I would love to see the district review current land management practices amongst its peers both locally and regionally/nationally. I would like to see MMWD adopt more equitable trail sharing solutions for all user groups (directional trails, priority-use trails, alternate day use, etc.) I would like MMWD to be more transparent about the processes by which bikes have been excluded from singletrack. I would like MMWD rangers to share more details from their incident logs. I think MMWD does a pretty good job of community outreach and providing volunteer opportunities, but I would like to see the district go even further. I would like to see MMWD make a greater effort to reach out to low-income communities, people of color and ESL communities.	1
Thank you for asking. Such a beautiful space!	1
Thank you for asking our thoughts. Mt. Tam is a beautiful treasure; let's do what is necessary to keep its beauty preserved.	1
Thank you for asking for input!	1
Thank you for all you do.	1
Thank you	1
Thank ou! LOVE Mt. Tam Watershed. it is a treasure! Keep it wild and keep it safe from over sue.	1
Tam watershed has some of the most restrictive bike access that I've experienced in the US. Most communities has found a way to coexist. I believe broadening bike access and/or instrumenting usage hours would help reduce congestion and make the watershed more enjoyable for everyone.	1
Tam is a special place and I feel lucky to live very close.	1
Such a great resource and I'm very grateful. Thank you.	1
Strategies listed above are too limited. I don't support a reservation system because it creates another barrier of exclusion via language or tech access. Fees are a major exclusionary practice! Restoration of habitat is essential, but there is an opportunity to take established social trails and make them official. Please consider more progressive actions (hire more volunteer coordinators/community builders instead of enforcement, allow more access to existing trails for e/bikes, create more trails (user specific and MU) institute alternating user days and directional MU trails). Look Oregon example - they support all user groups, have volunteer hosts (that aren't bias towards one group), trail crews that create amazing trails and maintain them, and they have excellent facilities. Marin bond funds should be used for maintenance and stewardship staff to work with volunteers on community building, and creating an inclusive access system, NOT on enforcement and creating more divides.	1
Stop treating bike riders and cyclists like we don't belong or are bad for the environment. We love the environment and actually want to enjoy it. Fires can wipe out massive areas but we can't even enjoy trails due to damage? Please understand it's discriminatory	1
Stop ticketing bikers on single track As it seems like a waste resources having rangers driving about in large vehicles creating dust and erosion to tax a few recreational bikers. Open most trails to multiple use as in Tahoe for instance and encourage the tax payers who fund these parks and recreation areas to make use of them and further enjoy this beautiful place we all share.	1

Stop the e-bikes - they are motorcycles and do not belong on open space trails, except for specific users with permits. They can now easily hit 20+ MPH - even uphill, giving no time for hikers, dog walkers, families with young children/strollers to react and get out of harms way.	1
Stop policing bikers and give them some damn trails to ride!	1
stop listening to the crazy "foot people" types.	1
Stop demonizing bikes and stop prioritizing other users over bicycle users. Mt. Tam is the birth place for MTB and could be a world-class destination for everyone, but sadly it is not.	1
Stay on top of the existing infrastructure. Develop some cool Mtn bike trails since there is demand The options above are so limiting. I'd hate to see a bunch of restrictions for dogs, bikes, trail directions and reserved parking (that could be discriminating due to access to computers. First come & handicap parking is fine) See this as an opportunity to expand access not restrict it.	1
Start charging bikes like China camp and the Boy Scout land for usage let bikes on certain trails on certain days as to avoid hikers same with hikers keep bikes off certain trails on certain day to avoid bikes	1
Sometimes, when I'm taking a break with my bike at Inspiration Point, I have to pinch myself because I can't believe how lucky I am to have this miracle of nature in my backyard. Some people like to create these over blown battles between hikers, cyclists, dog walkers, and horses, but the truth of the matter is that 95% of the people I encounter on the trails are considerate and friendly. That's why I'm all for increased bike access —I really think we all can (and usually do!) get along.	1
somehow more education for bikes regarding dangers of going too fast. NO drones! Water barrels/tanks or something like that for horses.	1
Some singletrack needs to be opened up to mountain biking. This will have a huge positive impact on reducing congestion in high use areas and reducing trail incidents and conflict. The mountain bike community is willing and ready to assist with planning, implementation, and maintenance of said areas and trails. Once farther from trailheads and in less traveled areas - these trails should be evaluated for change of use to include bikes.	1
Some mountain bikers continue to ignore the rules - in every park - and really chew up the trails. Particularly a concern on weekdays when the trails are less busy so the bikers can be moving pretty fast. Perhaps better signage identifying illegal trails?	1
Some equestrians do not have control of their horses. Maybe a permit program that would insure their horses are ready to be on fire roads and trails.	1
Some bikers are polite and considerate, others go too fast, and nearly plow into hikers. Please bring back paid parking (or use of the pass at Sky Oaks) for PHOENIX LAKE. I HAVE WAITED UP TO AN HOUR FOR A SPOT. People should pay to park there just like at the Watershed elsewhere or other places on Mt. Tam. PLEASE! and you need the money!	1
Social trails result for a lack of trail building by Marin Water. Social trails are bad for the ecosystem. Therefore more trails need to be built that reflect the ever changing ratio of trail users.	1
social trails are not the problem. More trails should be built to spread people out and reduce congestion. For example, now everyone hikes and bikes down hunters camp trail in the valley. That trail is becoming more and more blown out since kneecap was decommissioned. Often I come down that trail and need to navigate multiple people hiking up which is fine but it's happening at a much higher frequency now, if there were more routes out there, that trail wouldn't be getting so much traffic, I know this isn't in the watershed but it's relevant. Maybe pick some days where bikes can have access to less hiked single track on tam. That would be reasonable and fair. People ride those trails anyways and it's fine. I'm tired of the NIMBYism, inflexibility, and rigidity. I'm sick of these surveys too cause I fill them out all the time and nothing ever changes for bike access. There are more people riding mountain bikes than ever before and this is a GOOD thing! Open up the trails please.	1
so far so great	1
Singletrack bike access!	1
Single track1	1

Since I tend to use Mt. Tam Watershed during the week I don't usually experience undue crowding. Perhaps the Watershed should more clearly identify areas where this is a problem, and probably each area will require more specific solutions particular to it. I also think that Mt. Tam needs an overall ecological master plan, not just a recreational one. The two are very much interdependent--and after all, providing the county with plenty of fresh water, which depends on a healthy ecology, is more important than recreation. I also think that the voices bike riders are disproportionately represented since they tend to be organized. Usually I don't have any problems with the bikes, but occasionally they are a hazard to an older person like myself. I am definitely against e-bikes on Mt. Tam--except for ADA use. They cannot be justified in terms of health and they would be a hazard on the trails, as they already are in the streets.	1
Signage has improved tremendously. Thank you.	1
Signage at trailheads, ranger stations, etc. requiring hikers to pack out their toilet paper. Maybe even a supply of plastic baggies. Thank you.	1
Shouldn't all interest groups have access to trails? As data shows that erosion and accidents with hikers is incredibly minimal. Additional data that supports access for Mtn bikers, are the 1000s of communities on the west coast, near Urban centres, peacefully and collaboratively ensure all interest groups have access. Growing up here, Marin touts itself as so educated and mature, yet the different groups can't cover the basis of communication and collaboration.	1
Should close some roads to cars more often and work on some of the older trails.	1
Several years ago social trails were blocked with branch debris which has now degraded so that more people are using social trails which should be discouraged.	1
Separate horses, hikers and cyclists on single track trails by day or time or trail	1
Sent to CAC on 3/8/22. Acknowledgement never received. I support allowing the safe use of e-bikes on MMWD trails. I know that there is a lot of opposition for e-bikes, however, I would like to point out that the focus should not be on the type of bike, but rather to enforce the rules and etiquette with riders. I have ridden both non-motorized road and mountain bikes in Marin for over 20 years and found that many riders do not know the rules of the road or choose to ignore them. Perhaps a campaign to educate might help? I purchased a non-throttle e-mountain bike in 2020 and I want to share the joy that it has brought to me by allowing me to access many trails that I normally wouldn't be able to ride on. I've been able to join my husband on many of his rides. We always slow down when passing fellow hikers as we do not want them to inhale any dust that the tires may kick up as we pass. We also use bells and have received many thanks from fellow hikers for not startling them.	1
Seems like you are over thinking and trying to implement too many controls. I would focus your efforts on just making the trails better.	1
See above.	1
Safety must be a priority.	1
rudeness and anger seem to prevail these days.	1
Robust, eco-friendly and longstanding bike and e-bike community, which often outnumbers hikers and walkers, needs access to more trails, is currently limited to a small minority of Mt. Tam trails.	1
Riding my bike there is great	1
Restrooms for the large volume of visitors. Do not allow E bikes please!!! It is hard enough to to dodge some of the mountain bikers coming down the fire trails.	1
Restricting bike access to fire roads is an absolute shame. There are so many ways to make these beautiful trails multi-use. Specific days for bike use seems to be the most common in other parts of the world. The speeds that are possible on fire roads are much greater than a single track trail. I really hope we can agree on something soon. For years it has felt like the hiking community that screams the loudest has gotten their way. It's time to open things up and you will see what trail stewardship really looks like. There isn't a group (mountain bikers) that cares more about the preservation of a trail. The fun stops if we don't take care of what we love to ride.	1
Restrict Mt Bikers	1

Restrict bicycles to fire roads	1
Restore redwoods	1
Reserve all single-track trails for hiking only.	1
Require horse riders to clean up or have waste bags	1
Reports of trail sabotage and "booby traps" placed on trails with the intent of injuring bicyclists is very troubling. There appears to be an increase in this activity since the start of the covid pandemic. I would like to hear how park law enforcement is responding to this subject.	1
Reduce or eliminate bike use on hiking trails	1
Recreation is very important but Marin County residents should be the priority. It should be inexpensive for residents to get access and quite expensive for non residents. There should be manned ranger stations and more fire roads. The only motorized vehicles should be rangers and first responders.	1
Really need legal access to rev single track trails for bikes	1
re. pt 3 above - e.g. making Lagunitas Lk FR one-directional for bikes might work, but would make no sense for walkers, nor for hikers (access to other THs from that FR). --- Overall it would be great if there were a more effective way to keep bikes off some of the steeper, single file trails - which they really damage severely, creating so much erosion... I hike Collier Springs trail often ... trail is good after some rain that solidifies thin gs, but gets tricky in those very steep areas with loose stuff in long dry periods - and esp. if bikes go down it and loosen all the dirt. (Also needs a sign up top to warn hikers - seen many unprepared hikers coming down and struggling) As an example - on that trail: putting in some ladder-like steps (i.e., steps held in place with a side rail which is just secured deeply in a few places) on the ground in those very steep areas could be a way to discourage bikes (no way around there) and without major trail work or re-routing required.	1
Rather than close social trails why not evaluate these as potential and viable trail options for bike use that will keep some of the congested areas between hikers and bikers from taking place? Multi use trail connections in high use areas are a great option as well as noted above. Liberty Gulch will be a great trail connector to get up to Azalea Hill and further into the watershed beyond. Mt. Tam is an incredible resource and should be accessible to all user groups. Sonoma, Santa Cruz, & Mendocino counties have been able to successfully blend their trail use for multiple user groups. Hikers and equestrians seem to expect to encounter bikes on the trails and interactions are social. Mt. Tam could be similar, and should be.	1
Ranking thing and maps didn't work for me. mixed use trails can thrive in tam! there are many examples around the state where all users (bike, hike and horse ) enjoy an mixed use trail system. I urge you to look at wilder ranch in Santa Cruz as an example of mixed use success. With the increase of cycling users on tam every year, thoughtfully creating trail networks of multi use that allow a varied network with diverse types of trails and ecosystems while giving bikes passage to popular / more remote areas and saving some choice / select shorter trails in more delicate or "special" areas of tam for hikers only.	1
Quite frankly, ranking the four choices for trail management simply misses the point. The real problem is the bad behavior of, mostly but not exclusively, E-bikers.	1
Quit demonizing mountain bikers. We pay our taxes and Watershed fees, just like other residents and unlike out of county visitors. We are polite and just want a seat at the table like everyone else. Cease yielding to frivolous lawsuits by a small group of extremists that demonize everyone but themselves on how the Watershed is to be used and maintained. Add councils that can rationally discuss improved access without the negativity.	1
Purpose built mountain biking trails	1
Public lands in other places have been successfully managed for shared, multi-use for decades. MMWD needs to recognize that the trail management decisions it made in the 1980s are creating problems, not solving or avoiding them. Watershed lands can be managed for shared use while protecting important natural resources. I hope the trail management process now underway opens new opportunities for recreation, especially the needs of thousands of mountain bikers who have such limited trail access. I also hope the process encourages collaboration with MCOSD to create a network of trails that spread users out across more public lands in Marin.	1

providing unrestricted e-bike access will make the mountain too crowded. I am in the age group that without an e bike I cannot access many trails. But I do NOT want to see our spaces filled with a bunch of people who now access areas because e bikes have made it easier.	1
Provide equitable access based on the reality of user groups in the area. You have a high percentage of active users who Mt bike and trail run as well as walk their dogs on the water shed. These are smart people who would help with trail maintenance. Embrace them and partner with them to create water shed we all know is possible.	1
Protect wildlife and the fauna out there, protect the quality of the experience for all users, not just mountain bikers. E-bikes should be greatly restricted since they are essentially motorcycles. - loud and dangerous. Yikes.	1
Private stables should be removed from water district lands. There is no public benefit to promoting horses on our public drinking water watershed or to allowing destructive and dangerous horses on trails. Horse feces on trails prevent those with compromised autoimmune systems from accessing the trails.	1
Prioritizing equestrian interests over bikes is not equitable. Horses are not obtainable for many, and bikes allow more people to enjoy the beautiful Marin landscape	1
Prioritizing "social trail closures" only allows for more underbrush and leaf litter to accumulate which will accelerate a fire scorching the mountain. Use our tax dollars for things that actually help the mountain and are beneficial to those that use it, rather than elderly armchair environmentalists that go hiking once a year.	1
Prioritized strategies question didn't work on my Android. I would like to see social trails legalized and maintained by mountain bike community. More bike access to narrow and single track trails with technical features.	1
Prioritize/ continue mountain biking as an important form of recreation in the area.	1
Prioritize trail planning to come closer to everywhere else in state and country where all users seem to get a long just fine. Very few equestrians and grumpy hikers should not set policy for mountain bikers and the use of the watershed.	1
Prioritize social trail closures and restoration activities to reduce the impacts of watershed visitors. Create multi-use trail connections to separate visitors in high use areas.	1
Prioritize bikes and ebikes. They don't use parking and are more environmentally responsible since people don't drive to trails. I am 60 and ebikes are a real godsend in allowing me access to outdoors. Stop creating problems where they don't exist : very few users have "conflicts" but a few loud mouth types act like it's a war--ignore them. The form for management doesn't work on mobile devices which discriminates against lower income users	1
Preventative maintenance will ensure that we can feel safer during fire season.	1
Please, no more trail management strategies. Restrict bicycles.	1
Please work with the Town of Ross to open parking on the main access road to Natalie Coffin Greene park (access to Phoenix lake) on weekends, as it is during the week. Thank you.	1
Please stop putting toxins in our water. Fluoride is not good for people. It is a military waste product and was known to have been used to subdue people. I pay for spring water to avoid ingesting that crap. Unbelievable the Marinites aren't up on arms about this.	1
Please stop bicyclists from further damaging the watershed. Do not expand their trail access. Enforce existing trail restrictions. And for gods sake, do not allow electric bicycles or other motorized vehicles to travel anywhere that cars are not currently allowed.	1
Please re-surface top of Eldridge!	1
Please provide more trails for mt biking that are not just fire roads	1



Please prioritize mountain bike advocacy. I have attended meetings where it seems a small group of hikers and equestrians paint a very negative picture of bikers on trails. In my experience mountain bikers are some of the most respectful trail stewards on the mountain. I have biked all over the country and I have never experienced the type of biking limitations I have in our county. It's time for a change.	1
Please please please revisit your stance on bike specific trails. I know this has been a hot button issue, but doing so benefits everyone and every user and would likely reduce environmental impact. I will personally help raise the capital if it's a financial issue.	1
Please open up more trails to bikers, even if just on specific days, such as weekdays only, every other day, or allocate specific trails to bikers, equestrians, and hikers. Also, PLEASE ban e-bikes on fire roads and trails throughout the watershed. Thank you!	1
Please open up / create more trails for bikes!	1
Please note the priority question is incredibly poorly worded as it forces once to select closing social trails as an option even when they do not want to prioritize that. Your poorly worded question is going to skew your results showing support where there is none. Do better.	1
Please no e-bikes. This seems like it would be dangerous and destructive for the trail and for hikers. Thank you!	1
Please no e-bikes for able bodied or teenagers. The aggression I see on roads from kids (too young to have a driving license) and grown men on mountain bikes makes me scared if these folks were given electric bikes. A hiker will get run over and killed, just like in San Francisco, not mention a horseback rider getting thrown from a spooked horse.	1
Please make sure there is good signage that denotes who yields to whom, and lists basic trail etiquette. Bicycles should not barrel down hills in the park, for example.	1
please make some single track for bikers	1
Please make some more single track	1
Please keep your mission statement as your priority: care for watershed to promote delivery of water. Increase visitor fees. Enforce regulations Prioritize care for wildlife	1
Please keep the ban for bikes singletrack trails in place. I say this as a Marin native and avid cyclist who's enjoyed the watershed for 40 years. Current MTB culture is incompatible with conservation and other users (hikers, equestrians) on trails. Mountain bikers increasingly treat trails as "terrain parks" where one rides aggressively, damaging both the trails and surrounding ecosystems. As a cyclist I have no problem being restricted to fire roads as they are clearly safer for different users. I understand my views are in the minority for cyclists, but they result from years of directly observing both users and trail conditions in the Watershed. Like wise, please impose a total e-bike ban in the Watershed. E-bikes clearly contribute more proportionally to erosion and present a danger to other users, particularly when climbing fast uphill. The senior/ADA access option is a red herring: most e-bike users I see are under 50 and perfectly capable of riding without a motor.	1
Please keep mountain biking illegal, way more fun	1
Please keep it multi use and create mtb only trails...mountain bikers are not as awful as the community seems to think they are. Not even ebikers. It would be great if there were a way to bring the "warring" factions together.	1
Please keep e bikers off tam for the most part and keep the mountain unaltered by paved roads	1
Please just work to make single tracks legal for bikes.	1
Please install a dog waste station at the second gate on the Sunrise Lane side of the Southern Marin Line. Tons of dog waste on this end of the fire road vs. the Crown Rd. side.	1
Please increase staff to reduce illegal bike use on the trails. NO enforcement means no rules.	1
Please increase enforcement staff! There's no use making new rules when the current rules aren't even being enforced.	1
please increase access for cyclists on Mt Tam Singletrack, thank you!!!!	1

Please include mountain bikers on as many trails possible. We are a group who love the outdoors and want to experience it on a bike sharing with all other users. Mountain bikers are a motivated group that has a history of performing volunteer trail work. The more mountain bikers are included on more of the mountain, the more likely we are to volunteer.	1
Please include equitability and accessibility as fundamental premises in your recreational plan; equitable for all users, not just special interest groups.	1
Please ignore the response above. Grab and drag n not working on my phone. Please help keep the trails open to ebikes! And thanks for all you do.	1
Please have more rangers enforcing the rules. Dogs are always off leash, poop is left everywhere and bikers are all over the hiking only trails and creating their own trails off road. They are also using electric bikes and these are so heavy they cause even more trail damage. The mountain bikers have a strong coalition and they are mostly from outside the area. They are doing extreme damage to the open space.	1
Please give mountain biking a chance. I bike everyday and have achieved nearly perfect harmony with hikers, runners, dog walkers and equestrians. The enforcement of single-track mountain bike riding has reached extreme and ridiculous levels lately. Please, please, please have a hard look at these practices and consider solutions for allowing more multi-use trails. Thank you!	1
Please give bikes more access to single track, even if further out where we are less likely to see hikers. Marin is the birthplace of mountain biking, yet we have shit out of most trails. Horses are far more destructive to trails yet are allowed more places than bikes.	1
Please get rid of dead trees, dead wood, broom, and other fire hazard.	1
Please enforce the rules. It is nonproductive to debate proposed rules when they are not and will not be enforced. Bikes on single tracks say they will just pay the fine.	1
Please encourage horse manure removal from trails. Given our weather patterns this should be mandatory.	1
Please don't make a reservation system. It'll just congest everything else and place heavier disturbance on areas not built to handle it. *Only spot this makes sense is cataract falls--the road is far too narrow and the people who park there are not familiar enough with it--only a matter of time til someone's hurt. But if it's either/or, I'd still lobby against it.	1
Please don't close social trails, these mean a lot to the people that use them. Rather upgrade them so they are sustainable. Also, I realize that you're not soliciting new trail ideas, but a great trail would connect from the water tanks above Mill Valley to the tight bend in railroad grade. This connector trail would greatly improve access to RR from the Southern Marin Line trail while eliminating a steep uphill and two very steep downhill.	1
Please don't criminalize mountain biking it is great and we need more trails.	1
Please don't allow widespread use of E-bikes; ADA use would hopefully be ok.	1
Please don't allow bikes on trails. There are already enough bike friendly trails in Marin. Some trails should be for pedestrians only. Also concerned about trail erosion and water quality.	1
Please do what you can to provide more water supply to Marin County.	1
Please do not increase bike and "access for bikes" in the watershed.	1
Please Do Not implement reserved parking anywhere in the Watershed. More trail signage, indicating the trail, direction & connecting trails Pave the road & parking area going to the Bon Tempe dam. It is uneven & very dusty. Allow some public parking for trail use near the Sky Oaks ranger station Please continue offering the Library parking passes for the Watershed THANK YOU!!!!	1
Please do not close the social trails! Those of us who know Tam go there to enjoy the hidden special places and avoid other people, and we respect the forest. The secret trails are magical and it's always heartbreaking when they are closed. Restoration activities are important to improve the marked trails and to address the broom and other under-story plants that are a wildfire risk and that also choke out the native flora.	1
Please do not allow e bikes on the trails	1

Please create a mountain bike network that is on singletrack.	1
Please continue to protect the Mt Tam wilderness, but do it in a way that actually enables fun recreation!! All ow purpose built biking and hiking trails to be built. The fire roads are terrible!!	1
Please consider making more of the single-track trails accessible for biking. There are certain trails which are much too technical for safe passage for bikes but there are others that can be integrated into the biking space here. Creating an odd/even day designation for hikers/bikers access would be helpful to avoid biker/hiker collisions.	1
Please consider increasing bicycle access to existing underutilized hiking trails or new bike specific trail infrastructure. Marin county's regressive approach to bicycles is making California one of the most hostile states to an ever expanding form of outdoor recreation. Thanks !	1
PLEASE consider all users in the watershed INCLUDING mountain bikers. There are already enough trails for equestrian and hikers.	1
Please be more inclusive. Bike registration, ticketing, and more park rangers will not be positive or productive. Many many local Marin folk bike, of all ages.	1
Please allow single track mountain biking; this is a huge priority for me in the upcoming election.	1
Please allow more biking access. Absolutely love Mt Tam, just need to be more inclusive to bikes. Thank you!	1
Please allow more access for bicycles on the trails on mt. tam. More than just a handful of fire roads that are dusty and rutted most of the year. Smaller, single track and multi-use trails that can accommodate more than just one user group.	1
Please allow e-bikes on the Watershed. E-bikes tend to be older folks who are polite and considerate. E-bikes should not be penalized for the behavior of other "hot-dog" mountain bikers, dogs off leash, horses that spook and other conflicts. E-bikes are not the problem. All trail users should be able to get along.	1
Please allow bikers to have full access to trails in the area.	1
Please allow bike use on more single track trails	1
Plant more trees asap! Involve all the trail users to plant more trees asap..... seriously!	1
Permitting bike enthusiasts to help build many single track trails built by bikers for bikers will spread out users on the mountain and make everyone happy. It wouldn't cost much because users would volunteer time to build. Designating some trails as one-way would further reduce congestion issues.	1
Perhaps signage would help bikers understand that horses use these trails too. It seems to me when I ride there that bikers don't think horses should be there. I would hate horses to get displaced/kicked out by bikes at Tam Watershed like they did at China Camp State Park and at Bills Trail near Samuel P Taylor State Park.	1
Perhaps creating alternating days for biking and hiking/horses like Tahoe	1
parking lot road rage would be good to address	1
Overall, I would not support major changes to access or new restrictions in the name of reducing congestion. I regularly visit the Watershed, including areas that might be considered more congested like Phoenix Lake, Bon Tempe, and Alpine Dam. The Watershed is an absolute godsend, a true natural treasure and one of the things that makes living in Marin special. It is not uncommon for me to finish an entire 1-2 hour hike or bike ride without encountering more than 5-10 people. Any new restrictions may have the unintended consequence of making the Watershed less accessible, less usable by people with a truly wide range of interests, and less inclusive. That would be a shame.	1
Overall you are doing a great job and love the space (and the water)	1
Overall it is not bad. I would recommend along the trails and edges that people walk, ex walking into phoenix lake along the creek side since no parking available, to make sure the Poison Oak is removed. Last time I was there a couple kids almost ended up touching it since it was on the bank along the roadside.	1

Overall I appreciate that all non mechanical activities are possible on Tam land. I believe most users are respectful of all users. Electric bikes, when not ADA, and other motorized activities need to be kept off Tam to preserve the nature and the water.	1
Our favorite is steep ravine trail. Exceptional	1
Other than adding more trails, your suggestions are NOT improvements. Instead they restrict the visitors from the freedom and spontaneity that our beautiful watershed provides us; restricting when, where and how we hike or bike the mountain. If anything, curtesy rules should be posted to remind visitors of proper manners so all can enjoy the watershed for years to come.	1
Other areas are actively tackling trail access for adaptive/disabled users. The Mt Tam Watershed should assess and make changes to the access to their trail system for these users. aMTB users are not necessarily looking for flat level trails, just that the trails are passable. This means they do not have constrictions narrower than 36 inches (ideally 40 inches) or stairs. Challenging trails are great - they just need to be passable for riders that cannot get off their bikes and walk them. Having wide level trails is not an issue in the watershed, it is primarily access point problems with a few tight areas that should be widened as noted in my previous comment.	1
Options not offered above: 1) trail access to specific users on specific days. I know this has been widely debated but it works in other parts of the country. 2) speed limits and enforce them. I don't gallop my horse wildy along trails because it's not safe for other users. Bikes should also adhere to speed limits -- this is especially the case with e-bikes. 3) Ticketing/towing of vehicles illegally parked accessing wildland areas. The past few years has seen trails be busier than ever, hence I now only go out on the trails on weekdays versus weekends. As mentioned above regarding ticketing/towing vehicles, our land is getting overrun with people not using toilets, leaving trash behind, going off marked trails, feeding wildlife, etc. Somehow we need to minimize impacts. Thank you for doing this valuable work.	1
Open up the reservoirs to recreation like swimming, paddle boarding, and kayaking please	1
open up the mountain to bikers, there are too many trails that do not allow bikes but can easily accommodate them. Most other states I have visited to bike have multi-use trails with almost no negative complaints or interactions between hikers and bikers. Keep e-bikes off the mountain, they do not belong there, and are a fire hazard	1
Open trails to bicycles, or create new directional trails for bicycles.	1
Open some single track trails to bikes.	1
Open social trails and augment with directional bike trails to improve public access to and public utility of the watershed. Use cyclists as a resource for trail construction and maintenance. Reducing the "impact" (which appears to have not yet been quantified) of social trails should not be prioritized. In particular when typical trail decommissioning activities employed by various agencies around the bay area involve cutting down trees and earth movement, sometimes with heavy equipment.	1
Open more singletrack to mountain bikers, please. We deserve access to more of the trails than currently available.	1
Open more single track for bikes. Dogs on leash in high use areas. Penalty for not picking up their dog's poop. Please tell hikers to stop booby trapping trails. It's dangerous and immature. le moving rocks or branches into/across the trail.	1
Open it up with a specific use plan. It has been closed for many for too long. Too many restrictions that are not based on science or studies.	1
Open for night riding	1
One thought is to have a "say hi" to others when meeting on trails and/or fire roads, Keep up the good work!!! Thank you	1
One Tam van is a valuable tool to educate visitors of issues facing the watershed.	1

One idea is to have a permit or paid permit systems for singletrack or doubletrack trails for bicyclists. Horse s do more damage to trails, can impact the watershed and can pose more of a threat to other trail users tha n most cyclists. The boyscouts at camp tamarancho have done great work and are an example of what can be achieved for cycling trails.	1
One idea for easing tensions between hikers and bikers could be to allow bikes on only odd or even days of the month on particular trails.	1
On a trial basis allow Mtb use of certain off limit trails, I.e. northside, the same way users access the Tahoe Rim Trail. Current restrictions are not addressing the demand for more single track Mtb access.	1
Offer bikes some trails to ride and then ask Access4Bikes to take on the maintenance. It's a win win strateg y.	1
now that mountain biking is firmly established as a common pursuit rather than a fringe sport, it is high time that more singletrack is opened to mountain biking.	1
Not sure I understand your trail mgt descriptions. I hike mostly during the week to avoid congestion. Bicycle s on single path foot trails are always a concern—degradation of steep trails by bikes is very obvious. Althou gh I know enforcement of use rules is labor intensive and expensive, I would like to see more. That said, my impression is that bicycle use is less aggressive than in the past (Going down the Nora Trail I used to meet a group of 10 or so bicyclists coming up and they were not nice about it!). I think allowing electric bikes is ta ntamount to allowing motorized vehicles on trails—maybe okay on fire roads only, but enforcement will be a n issue as it is with regular bikes.	1
Not sure any of this does much and seems to be a waste of money.	1
Not so sure about how useful it is to put ONE point on the maps above to characterize typical usage, especi ally for folks who hike regularly through the watershed!	1
Not interested in any of the above trail management strategies. Sorry but unable to use interactive maps. I u tilize both Natalie Coffin and Oak Springs trailheads.	1
Not in favor of any of the four proposals above.	1
Not enough support for biking activities in the watershed. We should be encouraging development of bike-s pecific trails and recreation.	1
Not at this time.	1
Nope, thanks for all you do!	1
None of the trail management strategies listed above sound good (but perhaps I do not understand "directio nal trails" and "multi-use trail connections", but by far the worst would be reservation parking system such a s Muir Woods adopted. Muir Woods basically became unusable by locals. Put profits (fee income) over reas onable stewardship and use, eliminating all parking in off-hours by locals. Please do not repeat that for othe r areas of Mt. Tam! And, if by "directional trails" you mean one-way trails, that's also an unreasonable restric tion (in my mind) for locals seeking diverse routes on a daily basis. The possible limitation on e-bikes is mor e reasonable, although bikers are generally courteous and respectful of other users. If e-bikers were remind ed of the need for courtesy and respect (and reasonable speeds), that should be sufficient. The biggest risk of e-bikes to other users is their silence. Leg-powered bikes make noise; ebikes do not. They should all hav e bells and use them.	1
None of the trail management strategies are priorities to me. I was unable to use the interactive maps on th e survey accurately. Off-leash/voice control dog-walking is very important to me.	1
None of the previous question suggestions are a priority for me.	1
none of the items above applied. It isn't that busy on weekdays. There are bikes, and it is un-nering to be p assed by someone going 15+mph, even if it's only on a fireroad. So far, they have mostly been nice. But I'll spend time off-trail to escape the bikes.	1
None of the above to be rank are acceptable. I do not want E-bikes on trails. They tear up the trails and ride to fast without them and I frequently see bikes on unauthorized trails. There is no one to police their activity. i do not want to have to make a reservation at any location. I do not one way sign limited paths to be taken.	1

None of the above management strategies. It's excellent as is.	1
none of the above management strategies are warranted at this time. Enough with rez systems Directional trails - ugh! Multi use AKA overly prescriptive Social trail closures, I know all about that, not necessary and funnels even more people onto the above bad outcomes	1
Non cyclists have the wrong idea about cyclists and/or ebikes. If people are educated on the rules, and have access, people will behave kindly.	1
No. Thank you.	1
no, other than thank you for being such good stewards for the land	1
No, but thank you for your work and all your are doing! Us cyclists greatly appreciate it.	1
No single track trail access for mountain bikes was established before the prevalence of mountain bikes. To day's usage is at least 25% MTB but singletrack access is near zero. That leads to conflict and poaching. Providing access to 10% of trails to MTBs would eliminate nearly all conflict. Also bikers are willing to volunteer and pay as evidenced by Boy Scout Camp and China Camp. MTB was invented here, the Hall of Fame is here and there is no MTB access. This is embarrassing for Marin County and does not reflect today's users. Use of alternate day (TRT in Tahoe) or one direction (Green Gulch trail) are very effective means to provide better access to all.	1
No reservation system for parking!!!!	1
No reservation parking systems. Better to increase parking options nominally then to employ elitist measures.	1
No reservation parking system.	1
No one cares about the watershed more than the mtb community. All we ask for is mutual respect. Trail work is a regular past time. of most mountain bikers, but when you treat us like garbage, we're not gonna want to help you. There are huge opportunities for collaboration if the people in Marin can give up on their extreme prohibition.	1
No ebikes they are causing heart disease and are dangerous to walkers and other bikes	1
No e-bikes should be allowed in trails	1
No ebikes and speed limits for bikers on thoroughfares where there can be dangerous interactions between high speed bikers and those hiking / walking.	1
NO E BIKES!!!!!!!!!!!!	1
No change for anything. Problem is massive illegal bike use. None of your listings necessary	1
No cell service to accommodate reservation system for parking! People are NOT going to follow one-way trails since they already disrespect short cuts...	1
No bikes. They destroy trails.	1
no bikes	1
Never close the trails during the pandemic I think it was the mistake to close it I think that they should always be open except for weather and fire ....	1
Needs to be a better balance for mountain bikers and hikers using singletrack trails. Mountain bikers are treated like criminals sometimes by hikers and verbally and physically attacked. All Parties need to understand the concept of public use and equality.	1
Need to provide better MTB trails	1
Need to enforce bike restrictions and limit the areas bikes can go so that there are areas of the open space that are left alone so the animals have a place to live peacefully.	1
Need more multituse trails for bikes	1

Nature comes first before recreation, thanks!!!	1
My whole family of six loves mount Tam. The only thing we would like is some more dedicated mountain biking trails. It would keep more mountain bikes away from hikers while providing more fun routes in a sustainable way.	1
My little sister has an e bike for her heart condition - she ride like a normal person, not excessively fast - this should always be allowed!! I also know many people that ride ebikes simply to get more range - they ride slow and politely. This should also be allowed. For people that are frustrated with ebikes and want restrictions, I suppose I understand the use of unpaid permits for ebikes; people that live locally and frequent the trails on ebikes tend to be slower and respectful. In the same scenario, tourists tend to rent ebikes and ride excessive fast and such on the trails; theoretically those who don't live here/are infrequent tourists might not get a permit and then choose to hike instead or something! THANK YOU FOR DOING THIS!! We appreciate you!!	1
My family includes hikers, bikers, and equestriennes. I think the best path is to create separate trails for mountain bikes so that they aren't always on fire trails, or poaching single track. If we could create even 10-15 more miles of trails for mountain bikes, it is great for biking and helps reduce the congestion on multi-use trails.	1
My experiences have all been wonderful. Where I hike I rarely see another person. The trails are all just fine the way they are.	1
MWD does not have to allow every new mechanized form of wheeled vehicles. Show some courage and protect the jewel of Marin. More and more Mt Tam resembles a ski resort instead of the urban wilderness it should be.	1
multi use trails for all users and possibly alternating days of use similar to the tahoe rim trail alternating equestrians and bikers to odd and even calendar days respectively and hikers all the time. Also open more single track trails to all bikers with the alternating strategy outlined above.	1
Multi use 1 Reduce impact of visitors If I had to make a reservation, I likely wouldn't go much	1
mtn bikers can be allies in this effort. We want to work with the Watershed to improve everyone's experience. Don't shut us out.	1
MTB need to be given some trails to ride. I understand there are conflicts and we need to work on conversations to work and use these trails together. I have been riding MTB's for almost 40 years. And I have ridden in many states and locations. And the hostilities toward MTB's is very unique to Marin. Why is that? Many communities encourage people to visit boosting their tourism. I have seen Fairfax literally discussing bikers using signs that say don't park and ride here. I do know some riders do not respect other trail users. Part of that is the hostility you encounter. We need more conversations and understanding that it is only fair to allow all users access and to not discriminate against any user group	1
Mt. Tam Watershed should improve access to multiple user groups and allow more types of trail users access to most or all trails in the watershed.	1
Mt. Tam is wonderful to enjoy. We love to mountain bike and we love to hike. Thank you for letting us get involved with this survey. Please keep in mind that there are a lot of people here that enjoy both mountain biking and hiking. Trail work can be aided by volunteers who would like to see more access to Mt. Tam. Mountain biking is an ongoing activity for all ages. I have been blessed to be able to access Mt. Tam for nearly 35 years. I especially enjoy seeing the younger generation (i.e. 15 and younger) riding bikes on the mountain. How wonderful it is to see that children (boys & girls) have access to such a positive and healthy activity to enjoy. These same children are our future. Thanks again.	1
Mt. Tam is too restrictive for biking on single tracks. Directional rules, days of use, Amy be the best way to deal with this. There are single tracks far away that should be opened to Mt. Biking. EBikes: I know people who use E-bikes due to age and disability. I think a permitting system that is easy and free for anyone over 60 or with a disability might be the best compromise.	1
Mt. Tam is my home. I want to keep it beautiful. I hike/run all day on Mt. Tam. It is frustrating to see bikers eroding and destroying trails. Perhaps, signs should be bigger. It is also frustrating to see dog waste on the trails, and to see dogs chasing wildlife.	1



Mt. Tam belongs to everyone, not just the politically active hikers among us. We should all respect the watershed, and we should all accommodate each other as best we can.	1
Mt Tam Watershed is like Disneyland for active adults. I feel so lucky to have access right out my front door. I've fallen deeply in love with hiking and biking the area!	1
Mt Tam Watershed is 10-20yrs beyond the curve on recreation access for mountain bikes. I strongly recommend studying the example of other locations that have built out infrastructure to accommodate a mix of recreation options. In general, they use a mix of dedicated hiking trails, hiking/uphill-only biking trails, and dedicated downhill mountain biking trails to keep all uses safe and happy. In particular, Squamish BC, Bellingham WA, and Issaquah/Snoqualmie WA have done a stellar job of improving trail networks to accommodate mountain biking. These destinations are highly valued by both residents and tourists. I hope that Marin will act quickly to modernize its trail & recreation system.	1
Mt Tam needs more Mt bike opportunities	1
Mt Tam is my home. I love everything about it and I also happen to love mountain biking. The two can coexist.	1
mt tam is great. don't look to create problems among user. for all the users, people are very polite and considerate and well behaved. don't listen to a few very vocal complainers or generalize from a few poorly behaved users (bike, horse, hike). the main crowding is parking and < 1mi from trailhead. e-bikes have been a salvation for me as I am older and have injuries and was limited without the ebike in terms of access to outdoors.	1
Mt Tam is great! Well done all around to the staff and those who care for the park areas.	1
mt tam is for everyone	1
Mt Tam is an amazing place! Mountain bike folks are a user group that could be better utilized. There are a variety of ways to create bike specific trails to reduce congestion. I like to walk my dog with my family on Tam and ride my bike on Tam, and there is enough space to do those things on different trails. Also, e-bikes are motorcycles and in my opinion should be used as an accessibility tool on fire roads, but not where people and kids are walking. Mountain bike folks love building trails. It would be great to get an opportunity to build bike specific trails to get bikes away from the congested hiking trails. Much love for your work. Thank You.	1
mt tam is a great area for biking although many trails need upkeep since heavy usage after the pandemic.	1
Mt Tam and being able to enjoy it is a huge boon to my mental health, as a healthcare provider. thank you.	1
Mt Bikes are less impact on the watershed than horses. It is only fair that if horses are going to continue being allowed on MT Tam then there should be more access for MTBs on certain trails especially the ones that are less visited. Or a system where trails are opened for certain days of the week for MTBs.	1
Mountainbiker speed and inconsideration is the most concerning issue I have regarding safety and preservation of the trails. This is more concerning to me than people safely using ebikes.	1
Mountain biking is the 2nd largest user group in Marin, the birthplace of mountain biking. The current estimation is somewhere in the neighborhood of 35,000 or more. With considered management and design there is ample land to allow use by every recreational user group throughout Marin across all land management agencies. The mountain biking community offers thousands of volunteer hours each year for maintenance and supervised trail building and alteration efforts. Class 1 Ebikes are here to stay. There is a very large aging baby boomer population in Marin and they are buying Ebikes. The majority are using them to allow long-distance riding to destinations they used to do on standard mt bikes. They do not "blast up or down the mountain". They simply want to go as far as they used to. We appreciate this opportunity to give input to this process in considering changes to the MMWD Watershed Recreational Management Plan.	1
Mountain biking is not a crime.	1
Mountain biking is not a crime	1
Mountain biking is a legitimate use of the trails on Mt Tam and the watershed. It seems ludicrous to me that this is mountain bike heaven and most trails are closed to perhaps the biggest user group. Fire roads are just not the answer to further enjoyment by cyclists.	1

Mountain Biking has become part of the fabric of our community. Because of the increase in outdoor activities due to the pandemic, we need to be pro-active in maintaining the infrastructure of these trails, and providing safe/fun areas for ourselves/others and our children to recreate in the outdoors. Doing this, likely means the building and maintenance of new trails and linking of existing trail networks, using sound environmental and building practices that reduce erosion and increase the safety for all to enjoy!	1
Mountain bikes should have equal access	1
Mountain bikes should be allowed on some single track trails in the watershed.	1
Mountain bikes need better access through new trails or trail work investment to widen single track and improve sight lines for better sharing. There are way too many people crammed on these fire roads.	1
Mountain bikers should have access to everything.	1
Mountain bikers love marin it's trails and nature. We want to preserve and share it. We are willing to help maintain preserve trails so everyone can enjoy the beauty.	1
Mountain bikers do not seem to have any rights.	1
Mountain bikers are your friends and allies, not just hikers	1
Mountain bikers are one of the largest user groups yet most of the most desirable single track trails are off limits to mountain bikers. More single track trails should allow mountain bikers.	1
Mountain bikers are looking for more varied, narrow, and technical terrain, similar to what they built in many other communities around the nation Where multi use visitors recreate together. Further from trailheads, the trails are often much less used by hikers and these should be evaluated for change of use to include bikers.	1
Mountain bikers are historically very engaged in trail maintenance efforts, much more so than hikers and equestrians. We care deeply about our sport and where we do it! More access to the amazing resource in our collective backyard would be a boon for all.	1
Mountain bikers are an asset that MMWD should acknowledge. We are nature lovers and hard workers. We often work closely with open space managers in a volunteer capacity to help build and maintain trails. *For some reason I am unable to drag and drop my preferences above. So I will say here- FIRST, I am for creating multi use trails, and trail connectors. LASTLY, I don't think closing social trails is a good use of resources.	1
Mountain bikers are a critical use group of the watershed - more mountain bike accessible trails would help out all users	1
Mountain bike access is very limited, I would like to see this be increased. Thank you!	1
Mount Tam should be accessible to all users, including bicycles and eBikes.	1
Mount Tam is an amazing mountain and resource, thank you for your stewardship. Opening up trails in a thoughtful balance way would be a huge benefit to the community, visitors and water rate payers. Thank you	1
Most trails should be multi use and open to bikes	1
Most people who are outside enjoying the outdoors feel happy because being in nature makes us happy. People who are unhappy sharing that experience with users different from them are simply unhappy people. Luckily, they are fewer and farther between. Land managers should focus on the statistics that show most users have had good or great experiences with other trail users and therefore recreational usage should be based on those numbers.	1
More water provided would be nice, and we definitely need to open up the trails to cyclist.	1
More trails. More connecting trails.	1
More trails really needed for bikes; seems that particularly in high-use areas there is potential for adding bike-only trails to reduce congestion.	1
More trails please!!	1
More trails for all. Promote common courtesy and etiquette on trails. We can all get along.	1

More singletrack trails for bikes	1
More singletrack open to bikes. Fire roads are bad for trails.	1
More singletrack mountain bike riding. Bike friendly everywhere.	1
More singletrack for bikes!	1
More single track trails for mountain bikers eBike or traditional . More access for mountain bikers, eBike or tr additional.	1
more single track to separate bikes from hikers and horses would be great. Note this is only necessary on d ownhill sections due to speed differentials. So, all climbing/uphill sections can share the same double track s, maybe with some congestion but without risk to safety.	1
More single track mountain trails would be fantatsic	1
More single track mountain biking trails would be amazing.	1
More single track for mountain bikers.	1
More single track for bikes.	1
More single track biking would be great!	1
More single track access for mountain bikes. Open up the pine mountain side of the water shed. I would like MMWD to understand that there is research that determines the impact of mtb riders on a trails not angry hi kers. 1. Every human disrupts wildlife, not just mountain bikers. 2. Trail design destroys trails, not mountain bikers.	1
More single track access for bikes please! It's such a shame that in all of the beautiful Tam watershed there are only two bike-legal single track trails (coastal view and diaz ridge) 😞	1
More single track	1
More shared use trails. Open trails to mountain bikes on certain days of the week. Teach e-bike safety (ofte n they have never ridden before). Teach trail etiquette to everyone.	1
More patrols by MMWD staff and enabling cell phone access for emergencies.	1
More opportunities for mountain biking and Ebikes all over the watershed	1
More narrow trails for bikes	1
More Mtb Bike access	1
More Mountain-bike trails!	1
More mountain biking friendly trails	1
More mountain bike trails! Specific use so there is no risk of bad interactions, and because they should be b uilt differently - we will maintain them.	1
More mountain bike trails	1
More mountain bike specific trails are needed. We have huge school teams, world champions and a massiv e part of our local economy. Why are we grouped with equestrians? Why do equestrians get trail access at all when they leave poop everywhere? There are probably <100 equestrians in Marin who actually ride on tr ails and many many thousands of mountain bikers. Please please push for more mountain bike specific trail s in Marin. For the kids and grandkids of Marin. Thank you!	1
More mountain bike ONLY / SPECIFIC trails	1
more mountain bike access	1
More legal MTB Singletrack	1
More legal Mt bike trails please	1

more law enforcement	1
More information/education would have been helpful in responding to these questions. You're assuming all of us using the trails even know that these options are being considered or that other options may be relevant.	1
More inclusion for mountain bikers. More equity of trails for one of the largest users groups and growing that use my tam. A trail plan that better fulfills the needs of all the user groups. More singletrack access for mountain bikers.	1
More focus on community outreach, like stop and say hello; convert less-frequented trails to include bicycles; plan for inclusivity based on current user demographics; make use of user groups like mt. bikers in trail design, construction, and maintenance.	1
More fire reduction activities done in a way to promote native plants and local biodiversity.	1
More enforcement to control rogue Mt bike riders. I am hearing impaired - one of the main reasons I hike on trails- and that infringes on the quality of my experience. I fret the day that this danger will one day keep me from hiking in these beautiful areas.	1
More educational programs regarding flora and fauna of Mt. Tam Watershed	1
More educational opportunities about the mountain and wildlife and plants (possibly in partnership with local schools).	1
More diversity, equity and inclusion.	1
More biking trails!	1
More biking trails and single track, use signage and other methods to encourage hikers to not use fire roads since so many other trails are hiker only	1
More biking trails	1
More bikes on trails. Less hikers thinking they own all of tan and bikes are interlopers who should be treated with disdain.	1
more bikes more bikes more bikes-	1
More bikes access	1
More bike trails.	1
More bike trail access is needed for all levels.	1
More bike legal trails	1
More bike access. Everywhere.	1
More bike access!!!!	1
More bike access! North side, international, CC boys, Mickey O'Brien and other area trails see nearly zero hiker traffic mid week - open then to bikes! Bikers are willing to help (free labor!) to maintain trails. You never see hikers out clearing downed trees on trails - bikers on the other hand help keep trails open and passable.	1
More bike access to trails is needed.	1
More bike access to single track Trail ranking thing isn't working on phone. Multi use trails !!!!	1
More bike access please. Also the drag and drop feature in this survey isn't working on my iPhone.	1
More bike access and accessibility bathrooms.	1
More bike access	1
More bicycle access	1
More benches on remote trails. Genetically engineered deer that eat only poison oak?	1

More available singletrack for Mountain Biking!	1
More access to trails via bicycle; More historic signage for key places on the watershed. Create a small beach for swimmers on the watershed.	1
More access to single track trails or building more single track trails for bike.. Maybe look at different days for single track trail use for bikers and hikers much like incline village in Lake Tahoe has done with great success.	1
More access for mountain bikes!	1
More access for bikes. Mountain bike specific trails to easy congestion.	1
More access for bikes please the access is pretty awful as is. Horses have more access, yet they cause way more problems	1
More access for bicycles on trails	1
MMWD Watershed should be more inclusive and reflect ALL user groups. Provide more single track trail access to MTB's. Marin MTB community is very active and willing to help maintain trails.	1
MMWD should really admit that the status quo on the watershed is no longer working except for a privileged few who are older, socioeconomically more advantaged, and participate in activities like horse riding that account for an extremely small user base on the land, and are more destructive than any other activity. It's time to realize that the majority of users on the mountain are often cyclists, and open up more of the mountain to them in a sustainable way.	1
MMWD should provide a few, dedicated single track trails to MTB users like the GGNRA Dias Trail in the Headlands. Compared to many other Districts in the Western US, MMWD's Land Use has been operating in the Dark Ages...	1
MMWD policies and restrictions need to better reflect actual user groups on the mountain. Our youth want to be on the mountain, on trails, on bikes. We should want them to be there as well. Not all trails can/should be open to mountain bikes, but many more should. The bike community can be a huge contributor to volunteer programs, maintenance, trail building, clean-up, etc. but we must be welcomed.	1
MMWD must embrace the existing conditions. Miles and miles of trails are used safely and responsibly by mountain bikers on all days during both daytime, evening, and night hours. Trying to stop the current community of users from these existing recreational practices is wasting valuable time, money, and other resources that would be better spent educating users on responsible trail use, trail maintenance, and targeted habitat restoration activities. Cyclists are safe and responsible and suffer image problems due to decades of being treated like outlaws. If you treat cyclists like the hard working trail stewards that most of us are, you will benefit from a stronger community, and more inclusive recreational management plan, and with trails that are safer and well maintained. The decades of constant mountain biking that has taken place and the current trends of e-bikers now have not led to significant environmental degradation. Allow cyclists on all dirt trails, immediately.	1
MCBC keeps us informed! Thank you!	1
Maybe more prominent and greater quantity of "no smoking" signs. I've come across tourists - that believe it or not, are smoking right there on mt. Tam. I politely tell them "no smoking" and leave it at that. But, no one who visits mt. Tam is aware of the fire danger and more signage wouldn't hurt. I'll also say - I've grown up and still live in Mill Valley and mt. Tam is a treasured resource that I've been able to visit for the last 45 years.	1
Marin seems to have an "us and them" attitude for bikers, horses and hikers. We need to get along and if some folks are mis-behaving create a way of having them reported and called out. While I think SF city folks and surrounding areas should be invited to share all our natural beauty, we need rules about access and perhaps need to charge. Ebikes are bringing in too many people and they need dedicated trails....stay off the technical spots, etc. But generally I think there is a lack of shared values....in so many other places folks get along...Tahoe, Bend, etc. We need a plan to bring folks together!	1

Marin has a long history of exclusivity, entitlement, and privilege when it comes to access to our public lands. I would like to see these issues recognized and inclusivity/accessibility promoted on our trails whether it be your abilities, color of your skin, socioeconomic status, or if you're on feet, hooves, paws, or wheels. Let's send the message: All are welcome and respectful to each other here.	1
Marin County Open Space and China Camp have amazing single track trails that are shared by all users. Why can't MMWD follow their example?	1
Many trails I hike appear to be sabotaged with logs and dangerous sticks.	1
Many trails are not appropriate for bikes and should remain off limits. Many trails are or can be made usable for cyclists and systems have proven to work well between different trail users in many places ie bike only trails, on/off days use for cyclists etc. Cyclists aren't going away and the militant anti cycling element of trail users in Marin is perplexing. I have visited many places where trail use between different groups is effective and sustainable and users get along just fine. Marin is an outlier in this regard.	1
Many other situations have shown that multi-use trails are successful, especially in more remote areas farther away from trailheads. Trails like this in the watershed should be opened up to bike use. Areas of congestion near trail heads should have bike only trails established to reduce user conflict and increase safety.	1
Many other areas, including some in California, manage to allow bikes on single track trails. An odd/even day approach seems very logical and fair. I recently had one of the best mtn biking days in 30 years of riding. Along with several friends from Marin, I rode 20 miles of the Tahoe Tim trail which allows bikes on even days. Additionally, the number of cyclists in Marin FAR outweighs that of equestrians, yet horses, which can do tremendous trail damage, have access to much single track. Thank you for your work, Dr. Greg Costopoulos	1
Many of us love Mt. Tam and want to be able to enjoy it in our own ways. That is a difficult thing to manage as many people want to exert their opinions on others because they think they know best. Allowing equitable access to user groups (hikers, bikers, runners, dog walkers, etc.) is important as discriminating against any group for any reason is simply unacceptable. Everyone has their own unique limitations and reasons for doing what they do whether it be hiking or biking. Erosion claims against cyclists are often incorrect and irrelevant as there are studies done by non-partial groups (e.g., BLM) on land use that contradict what the special interest groups claim studies that they funded say. If trails are built correctly that erosion should not be an issue. Also, can you please ban the use of headphones/speakers by all user groups? It makes safe use of trails more challenging for everyone. It is odd to need to have music/podcast playing when in such a beautiful place!	1
Many of the questions in the survey seems to be focused on the experience of bike riders. They include the trail management strategies, questions about congestion and e-bikes, and asking about visitors' experience with dogs, but not bikes. I received the link to the survey from the Marin Bicycle Coalition. They are lobbying to get bicycle access to all of trails on the mountain, and are making sure that bikers respond to the survey and turn out to the other events. What, if anything, are you doing to ensure the views of hikers are heard?	1
Management spends money on staff and enforcement. The money should be spent on the trails and fire management.	1
Making more bike single track trails a priority!	1
Make trails accessible to bikes!	1
Make mountain biking legal. Think about the economic impact vs cost of hiking equipment to local businesses. More use of bikes = more stewards. Make the right of ways known with signage and model every other state that's figured this out, ie: Colorado.	1
MAKE MORE TRAILS LEGAL FOR BIKERS	1
Make it safe. Less cars.	1
love visiting here. super lucky to live here. avid mountain e biker	1
Love the watershed. Older (over 70+) and for real disabled riders should be able to use ebikes. Otherwise no. Too many cowboys going too fast on the ups and downs. Thanks	1
love the Mt Theatre	1

Love our trails and you guys. You're doing great work	1
Love Mt. Tam!	1
Love Mt Tam!	1
Love it.	1
Love it so much!	1
Look to areas like Park City UT and Jackson WY for ideas on reasonable signage and use in heavily used areas with multiple jurisdictions	1
look at places like tahoe, sun valley, jackson hole, handle mountain bikes	1
Look at many other places outside marin to maximize usage and reduce conflict with hikers and bikers it's not that difficult and many other places have figured this out and even figured out how to create revenue for the mountain	1
Literally every other community in the US has figured out how to accommodate mountain biking in a sensible multi use trail system. Mountain bikers have been alienated and targeted for far too long. It's time to give this the attention it needs and create an equitable trail use policy.	1
Limiting bicycle access to fire roads causes more erosion and more trail conflict.	1
Like to have better cell coverage for emergency use	1
Like mentioned before, it's time MMWD jumps into the 21st century and recognizes the numbers and needs of the mountain bike community. If mtb was legal on MMWD singletrack, there's your volunteer force right there to keep up the trails, which are badly in need of maintenance. It's a win win.	1
Like I said, make single track legal. I'm not talking about building some bullshit beginner trail that sucks. I'm saying open up the mountain and let mountain bikers ride single track (not ebikes those are not mountain bikes), at least on certain days. If not then hey, catch me if you can!	1
Like Annadel State Park, Skeggs Point, Soquel Demo Forest and countless others, make Mt Tam available for all users. Allowing bikes only on fire roads is ruining the park.	1
Less parking less roads.	1
Less no bicycles signs on trails	1
less is more	1
Less intervention the better	1
Legalize mountain biking.	1
Leave e bikes with pedal assist alone. There are people who have leg issues that want to enjoy the mountain biking the park.	1
Lack of legal single track mountain biking cause conflict with some trail users. It concentrates mountain bikers on the few legal areas to ride.	1
Keep website updated with info on trail closures or trails where tree cutting is happening. Show progress on the Azalea Hill - Liberty Gulch trail project.	1
Keep up the great work!	1
Keep up the good work! This is one of the biggest perks of living in the Bay Area and I hope to be allowed to continue to visit and use this space- it is so good for physical and mental health!	1
Keep up the good work! Marin would not be the same without the watershed.	1
Keep up maintenance of trails	1
Keep trails available for biking	1



Keep the watershed open to all user groups and utilize them to help with trail maintenance etc.	1
Keep the watershed clean also ecologically protected, safe for all. Charge cyclists a token admission fee. e.g \$ 5. Enforce limits on any crowd events like the Mountain Play	1
Keep mountain bikes off single track trails. Work with the Commission on Aging to ensure safe trails for seniors. I'm very concerned about senior hikers who are hard of hearing or unable to move quickly, which makes it hard to avoid oncoming bikes. In addition, many seniors have osteoporosis, which means being hit by a bike could entail life-altering hip or spinal fractures. Trails need to be accessible to people of all ages and many seek peace and quiet on our trails.	1
keep it open and beautiful. Thank you!	1
Keep bikes off of hiking trails.	1
Keep bike access available to all, increase ranger patrols to keep bikes off hiking only trails especially at full moon.	1
Keep bicycles off single track trails and monitor their speeding on the trails particular but also dirt roads.	1
kajsdflkjaskdjflkajsd	1
Just to say I support the use of e-bikes everywhere... on all trails. thank you!	1
Just that a lot of when I go to places where bikes have single track access and directional trails there is less congestion and people tend to get along really well.	1
Just look at the numbers.	1
Just let bikes in, man.	1
Just feel the #1 priority is the habitat and the water conservation and yes I love the recreation use of trails for multiusers but if the numbers cause an impact on the preservation of the watershed then there needs to be ways to monitor and control the visitors and to fine visitors who are not following the rules and increasing danger to all other visitors. Or at the very least not opening up to a whole new user group such as the Class 1 E-bikes because once that opens then what's to stop other motorized vehicles on joining. E-bikes are already out there even though not allowed so dirt bikes and motorcycles could just as well say they are allowed there why not us. I think if you keep it to users mode of transportation is only powered by biological and physiological means. There are plenty of places in the bay area for those other power users. Lets not sacrifice our water, natural resources, and safety of others for the recreational desires of everyone.	1
Just about every place on this planet does a better job of getting along with our neighbors than does Marin. We should be ashamed of ourselves! There is absolutely no good reason that every single actual trail (I'm not talking fire roads) on MMWD land has been closed to bikes for the nearly 40 years I've been riding my bike here. While I'd like to say I'm encouraged that there is even a survey such as this, I'll be shocked if the end result is any additional trails for mt bikers to legally ride on.	1
Just a thought, if E bikes (electric motorcycle) are allowed on the watershed who will take the blame when an E bike crashes, the lithium battery breaks open and burns the mountain up along with the surrounding communities? Once an electric motorcycle is allowed on the fire roads and trails there's NO going back. If one can't afford a \$5000+ ebike, why can't any motorized bike be allowed? Electric motor or fuel motor what's the difference?	1
I've seen an uptick during Covid of users of all kinds. Responsible use is of utmost importance in my approach to enjoying the watershed.	1
I've been riding on Mt Tam since 1982 and was in the bike industry for many years and an advocate for trail access from the beginning but MMWD has continually refused to realize that bikes are a large portion of users on the mountain. Maybe the time has come where the bicycle community will be heard? I'm hopeful but history tells me it's doubtful. ebikes are a big problem that has been largely ignored by MMWD. Motorized vehicles are not allowed in the MMWD yet they continued to be allowed access to the area yet tickets are being issued daily for regular bicycles on single track trails. Makes no sense. Thank you for this opportunity to express my opinions regarding the use of this wonderful place!! Give us some trails to ride please! We'll help maintain them!!	1

I've been hiking, biking and now e-biking Mt Tam for 50 years. I generally confine my activities to weekday morning when at all possible. I enjoy nature and meeting other locals. Mt Tam has always been a recreational destination for the bay area and it is good to see it used and appreciated. I have enjoyed the One Tam volunteers and would like to see more of it.	1
Its time to respect the youth and open up access to these resources to more cycling. Marin High School MTB teams have hundreds of young members that can either be stewards of this precious resource or become vandals due to lack of access.	1
It's time for the MMWD to reverse its longstanding and unnecessary policy of barring mountain bikers from single track trails. This forces riders onto dangerous stretches of road and creates crowding on the few areas we are allowed to use. This is a safety issue, and all user groups will benefit from an equitable plan that opens a proportional number of trails for the large and growing mountain bike community.	1
It's such an amazing place with so much beauty- we should encourage people to come and use it and get outdoors and not be snobby about just having it be accessible to those of who already live close by (in Marin). It's for everyone to enjoy and take care of!	1
It's such a beautiful place! When I lived in the area, I was out "playing" nearly every day. Now that I'm a quarterly visitor, I make it a priority to spend some time there. Thanks for all you do!	1
It's such a beautiful area that people should be able to enjoy, but there should be a balance of preserving the land as well.	1
It's pretty good all around. I wouldn't want to see a bunch more trails.	1
It's my understanding that ten years ago there were 12 trained rangers on duty, each responsible for specific areas of the watershed -- today, despite the climate crisis-caused wildfire threat exacerbated by the exponential increase in visitor traffic, the staff has been reduced to 6 rangers, 1 of whom is on desk (non-trail) duty, with 2 on indefinite sick leave, and another 2 reportedly scheduled for retirement with no replacement plan. Fire safety and preservation of the watershed have been given subordinate priority to recreational use, specifically mountain bikers, while surveillance and regulation enforcement is being neglected. This is a formula for disaster, not just for the watershed, but for the surrounding communities and residents who now live with increasing and constant fear of uncontrollable wildfire; this is irresponsible and unacceptable.	1
It's my home and Bo Ridge and Tam are as/more beautiful as any place on the planet. Nature IS my friend and I prefer it to most humans	1
It's just shocking how polarizing the bike access issue is. I've had hikers/walkers cuss me out simply because I'm on a bike. And to be clear, this happens on legal/sanctioned trails.	1
It's disappointing that bikes have legal access to less than 15% of the nearly 400 miles of singletrack in Marin County and 0% of the watershed. Marin is quite possibly the most entitled, self-righteous zip code on the planet where geriatric anti-bike retirees who have nothing better to do spend hundreds of hours/year in public meetings deriding the sport.	1
It's always a bit, embarrassing, when I have to tell friends from outside the Bay Area coming to visit that the place where mountain biking was arguably invented has some of the poorest trail access for mountain biking - despite the fact that there's so much preserved open space.	1
It's a great place to visit, and doing our best to preserve it is a must.	1
It's a fabulous resource and vital for the mental wellbeing for many	1
It's a beautiful mountain! Willing to share, but want safety. Hikers are vulnerable with fast bikes approaching. Most bikers are courteous, but there are many who are not. With increased use, the trails are more eroded.	1
it's very sad mountain bikers (me, a kid, has to be scared a hiker will threaten to stab or raise a hiking pole or fist	1
it's really sad that mountain bikers only have fire roads on mt tam	1
It's difficult to share my appreciation and enjoyment of our natural resource in the survey. I hope that the team keeps an ongoing discourse on the development and evolution of the land under management by the Watershed District - thank you	1

It's beautiful everywhere. Thank you for taking such great care of the watershed. I wish there was better data on the website for knowing when and where to fish. It needs to be more accessible and easy to find. I'm disabled and would like to be able to use an e-bike on the trails. I usually don't go up to the watershed if it's going to be busy but I am concerned about finding enough disabled parking.	1
It's beautiful and we are blessed	1
It's a beautiful park. Thank you for allowing bicycles. I have a wonderful time every time I come. It's a favorite.	1
It would help if people knew that being courteous makes the mountain more safe for all that use it. Bikes passing hikers, hikers not walking 5 abreast around a blind corner and people actually putting a leash on their dogs.	1
It would have been interesting to know the main pain points you are trying to address: crowding, habitat preservation, funding infrastructure expenses, etc.	1
It would be wonderful for everyone to enjoy their time in the Tam watershed, bikers & hikers.	1
It would be great to see relationships being built with groups like the high school mtb leagues to get them involved with building new trails and teaching the stewardship.	1
It would be great to see equal use opportunities for all trail users.	1
It would be great to mountain bike on the trails, not just roads.	1
It would be great to have more single-track biking options for non e-bike mountain bikers.	1
It would be great if there were more bike friendly trails and single track. It is the birthplace of mountain biking after all :)	1
it may not be a congested day but it was fantastic experience. never felt crowded or put out	1
It may be a good idea to use an even odd day system to allow bikes and other user groups access and avoid conflict	1
It is very important that more single track be made available to mountain bikers. Hikers complain that the bikers are aggressive. I can't help but wonder if some of the problem is frustration for mountain bikers - who also pay taxes and use fees but cannot use the trails. Open more trails for bikers and there will be less congestion overall. Failing this, make some of the single track open for bikers only. Marin county is missing out on major opportunities for revenue. Boulder, Sedona, Park City, etc, are raking in the tourist dollars because it is well known that these are destinations that welcome bikers. Marin needs to catch up!	1
It is really disappointing that mountain biking has been banned on everything but fire roads. Look at any other state to see how helpful mountain bikers are and the resources they provide when partnered with management agencies. Where is the education to help mountain bikers be accepted on the mountain. Look at China Camp, they have put up signs to help educated bikers about trail courtesy. I've never seen a single sign on Mt. Tam - blind corner slow down, ride it don't slide it, bikers yield to hikers and horses.	1
It is nice to have some trails that do not allow bikes so hikers can enjoy walking without worrying about a bike. Ebike riders go so fast and staff can not police them not sure what best solution is.	1
It is my favorite place in the world! :)	1
It is important to allow Seniors on ebikes especially as it provides access to Marin's Greatest resource...Mt Tam! The joy of riding the bike on that mountain is a huge value add to our lives!!	1
It is hard to tell what is Mt. Tam Watershed and what is Marin Park or what is California Park or Federal Park - Be nice if we had a connected network for all types of bicycles. Get people of all ages on bicycles and away from car traffic.	1
It is an incredible resource! Thank you!	1
It is a true blessing to have so much nature for our use here. I believe all trail users can coexist if we listen to each other. At least in the biking community there is a lot of willingness to listen and work toward sustainable solutions that work for one and all. Thank you for your stewardship of the watershed.	1

It is a treasure for us local people! Reduce impact of outside visitors, perhaps requiring advance reservations from them but letting locals travel freely.	1
It is a popular destination. I think dividing and building trails that are for different recreational purposes could help ease these issues.	1
It does bug us to see bicycles in use on trails where they are not allowed (a few times), and we're reluctant to say anything. We even saw someone swimming once, which upset us a lot, but again did not want to engage (and were too far away from this person). I wanted to report them - but couldn't get my phone to work, and was not all too sure what number to call. By the time I could get a signal, they had gotten out of the water. I don't want to be a "nanny", but I really do wish people would familiarize themselves with the rules and follow them. I love the Watershed!	1
It could be more open to bikers, a lot of the trails are horse or hiker only, it would be nice to be able to use a lot more of the mountain, keeping it in good condition, honoring the closures for native species etc but helping with trail lay out specific for bikes, Ebike & regular bikes. Multi use trails are great too. Thank you for letting me write this. Cheers, Brian White.	1
Is somebody who enjoys the outdoors on foot and on bicycle, I would greatly support all singletrack to be available for mountain bikers as well as hikers and runners.	1
Is Marin Water entertaining the option of alternating days for hiking vs biking to separate users? As a hiker wanting to connect to nature, I'd like to be on trails w/out bikes, w/out dogs, w/out people on phones/devices, w/out joggers yelling to each other, etc.	1
Is it true that fishing is allowed in Lagunitas Creek at certain times of year? I found this page on the website... <a href="https://www.marinwater.org/recreation">https://www.marinwater.org/recreation</a> ... which says "Lagunitas Creek, between Alpine and Kent Lake, is open for fishing from the last Saturday in April through November 15. All other streams on Marin Water lands are closed to all fishing, all year." Is it true?!	1
Invasive plant management has been improved but needs escalating. Equestrian use of a watershed is inappropriate	1
interactive maps did not work on my computer Reservation systems probably not needed except for holidays and weekends	1
Inexperienced e-bikers should have to take a class/ get a permit, certifying they can operate the bikes safely and use the trails appropriately.	1
Increase bike friendliness	1
In the question above, I was unable to drag and drop the options. I would rank them as follows: 1. Create multi use trails.... 2. Establish directional trails.... 3. Establish a reservation parking.... 4. Prioritize social trails.... As someone who hikes and mountain bikes about equally, it seems unfair how limited the access to trails is for mountain biking. The access to the beauty contained within the remote areas of the watershed should be available to all trail users. The politics behind the restriction to mountain bikers on the watershed and in the county overall seems to go back many years and is deeply rooted, probably because mountain biking has been around for so long in Marin. But these policies seem reflect the strong biases of a minority of individuals in the community. Not the greater population. Let's make this right by making it more equitable!	1
In my mind, although some trails are frequented by many people, we do not feel that there is really a congestion problem. As decades long residents of Marin, we are actually happy to see more people enjoying nature. That way they will see the value to protecting it.	1
In general, it's awesome.	1
In general I'm weary of trails frequented by cyclists (I walk/hike). They are often loud and disruptive and take away from the peacefulness that I've gone out to enjoy. I also worry about the salamanders and other creatures getting run over.	1
In favor of letting class 1 ebikes use the trails as trails can be steep for recreational cyclists	1
in 30 years we have never had any issue-none help people understand how to act around one another, horses, bikes, people so we get along better	1

Improve mountain bike access to trails. Improve the trails. Invest resources in improving the mountain, not patrolling it for things like bike-riding that really SHOULD NOT BE CRIMES. Allow a trail stewardship program so that community members can do trail maintenance, since MMWD clearly doesn't have resources to perform trail maintenance.	1
Improve bike access!	1
I'm surprised to see social trail closures as something the watershed is considering. I'm not sure why that would be a priority outside of the vilification of a particular user group.	1
Im pretty happy with things the way have developed over Covid with more E-bikes and more people all together. It's a "shared" resource. Not a restricted one.	1
Im not so concerned with this last section - I'm more concerned with the danger bikes pose to people on foot around Lake Lagunitas - the family trail.	1
I'm not likely to support any of the four strategies above. I especially dislike the reservation system for parking. I don't know what the other options really mean. My concerns are different. Trails in our state parks are not freeways or raceways. Rangers need to start ticketing scofflaw bicyclists who speed and endanger horses and pedestrians. Rangers need to continue to repair outlaw trails and prosecute those who create them to the detriment of our park habitats. These people should be sentenced to helping eradicate their illegal trails.	1
I'm not informed enough on e-bikes to answer your question about those.	1
I'm not crazy about any trail management strategies that involve reservations, technology, or hiking restrictions to accommodate bikes (e.g., one-way trails). Also, I couldn't figure out how to use the maps in the survey. They are insufficiently labeled.	1
I'm concerned about the impact of e-bikes on the watershed, and feel that they present a safety hazard. Heavier, faster bikes + less-skilled riders = more close calls and collisions, which threatens trail access for non-motorized riders (and tears up trails).	1
I'm concerned about the danger of bicycles on single track trails, especially on blind curves but anywhere where there's little room to step aside. Also when there is plenty of room, say on a fireroad, some bicyclists act like they're the only ones on the road and go too fast, again especially dangerous on blind curves	1
I'm a hiker, trail runner and biker, so I appreciate the experiences of all trail users. I believe providing more access to single track can be accomplished without degrading any user's experience. I would love to see creative options explored such as alternate day opening for multi-use, and the opening of more trails with low hiker traffic to bikes. Such access has been successful throughout most of the NorthWest and I'm certain we can make it work here.	1
I'm a hiker, not a biker. If bells - or similar - were required for all bikes, and if they actually rang them while while approaching a blind bend to avoid scaring the hell out of hikers, they may find less animosity directed their way.	1
I'm a 56 year old father of two...my daughters, wife and I hike on the mountain regularly. We've lived in Corte Madera for 18 years. I'm also an avid cyclist, both mountain and road. I consider myself a courteous trail user, always happy to help people with directions or just sharing smiles with other people getting similar joy from our beautiful backyard. While the majority of my interactions with other trail users have been positive, I've had too many uncomfortable experiences with hikers that just don't like mountain bikers. As friendly as I am, I'm stereotyped as a thrill-seeking asshole to many of those hikers, even as I meander around Phoenix Lake passing slowly with a smile. I wish there was more being done to educate and encourage a mutually-respectful environment. I truly believe that more multi-use trail designations that put the two main user groups together like parks everywhere else but Marin operate would facilitate more getting along.	1
I'm 67 with an ebike. Lots of medical issues prevent me from riding regular mountain bikes uphill. There has to be a way to allow ebike use on the watershed. Please prioritize a sensible, workable program for ebikes to be legal. The new Azalea Hill trail work is great, but it would be wonderful if you could speed up the completion date to make the trail available.	1
I'm 60 years old. I won't be able to pedal my regular bike up the mountain forever. Please don't close the mountain off to me once I need to ride an e-bike full time.	1

<p>If you create a system of mountain bike specific single track trails, then you'll significantly mitigate trail congestion</p>	<p>1</p>
<p>If we care about Mt Tam and want it to survive, and retain its beauty, we will agree that bikes can not be allowed to use single track trails period!! The eroding effects of their wheels and sharp turns will eventually destroy this mountain we all profess to love!!</p>	<p>1</p>
<p>If nothing else, we should be encouraging single track mountain biking. Camp Tamarancho has done a wonderful job using a permitting system to educate and engage riders on its trails, while also raising funds for trail maintenance.</p>	<p>1</p>
<p>If Ebikes are not going to be allowed, please consider ebikes for handicapped, medically impaired, and seniors so we can still enjoy the watershed after we are unable to reasonably ride a non-ebike. I think an educational program about having and using bells when approaching hikers from behind would be helpful for the enjoyment of hikers and walkers. I know that once I started using a bell when approaching from behind I got a lot of thank yous. I found that ringing it when I'm back about 75' works much better than 25'. At 75' nobody seems to get startled and I can tell they heard the bell because they usually step a little to the side or give a slight hand motion.</p>	<p>1</p>
<p>If a trail is safe for hikers and equestrians, it is safe for bikes and hikers. Horses are far bigger and more dangerous than a bike, and there are now far fewer equestrians. Please, please, please start making some trails bike legal. Northside for example is horse legal (except for upper) and would allow bikes to get around mt tam without riding on blacktop.</p>	<p>1</p>
<p>I'd really like to see the new plan address the tensions between bikers and hikers more head on. Other places in the country have figured out ways to support the safety and peace of mind for hikers/runners while also supporting increasing numbers of bikers who want to enjoy great trails. Marin seems to have fallen behind in its thinking here, so we should learn from other places that have struck this balance well, and really make concerted progress toward a mountain trail ecosystem that supports the enjoyment of bikers and hikers alike.</p>	<p>1</p>
<p>I'd really like to see an effort to create sustainable trails for mountain bikes that can be managed effectively to reduce trail conflicts, spread out the impact, and help remove the temptation for the building of "social trails" and such. Multi-use trails are common all over other parts of the US and strategies have been formulated to reduce trail conflicts or other concerns regarding erosion, etc, so there should be a blue print out there to help establish such a system on Mt. Tam. I believe the cycling community would be ready to step in and help make this a reality via trail maintenance, education, etc and having such "ownership" over the trails would foster a more inclusive environment for sharing the trails with other types of users. The majority of cyclists care about the mountain and are out there to have fun and enjoy such a wonderful place, not to cause conflict, and we can all share that with a little effort.</p>	<p>1</p>
<p>I've lived under Mount Tam for 30 years now and enjoy all the nature with respect. I hike, I bike and enjoy all aspects of the mountain. It would be great to see more legal singletrack use on a system that allows odd/even days for hikers and bikers. Directional signs would also be helpful on especially congested areas!</p>	<p>1</p>
<p>I'm not voting for any of the management strategies. I know the bike lobbies are very vocal. I've seen their influence ie: the unused Richmond San Rafael bridge. I also know that opening the watershed is going to wreak havoc on the trail system.</p>	<p>1</p>
<p>I'm confused by the seeming lack of concern (based on the fact that this person has been doing this dangerous act for years on the same trail in the watershed) by MMWD to apprehend individual(s) that pose real threats to the community, an intends to do bodily harm by putting up sharp sticks (head height) on Old Sled. So much resource and focus is placed on citing mt bikers but someone that is out to assault others (setting traps on trails) has not been apprehended? This person has been doing it for years, and it's always on Nail trail, usually Saturdays. Why hasn't that individual been apprehended?</p>	<p>1</p>
<p>I'm born and raised in Marin (59 years). My family donated the Bear to the town of Ross (really!). I've been hiking and riding the trails my entire life. Now, with heart disease and asthma, I need an e-assist Bicycle to continue to enjoy the trails of my home. I am 100% behind speed limits and other safety provisions. Keeping ebikes from the trails would unfairly criminalize a large number of people who simply need to take advantage of newer technology to continue accessing our public lands.</p>	<p>1</p>

I'm a retiree and I limit my use of the Mount Tam watershed area to weekdays. My favorite place to hike is around Lake Lagunitas with friends.	1
I'd like to see a better distribution of trail access for people on bikes. Through collaboration we can coexist and protect the watershed for future generations.	1
I'd like to see a better distribution of trail access for people on bikes. Conflict can be reduced through separation of use, which can be achieved through time allocation (bikes on even days, no bikes on odd days), directional trails, physical separation on parallel trails, the required use of bells, etc. There are tons of mountain bikers here in Marin, the birth place of mountain biking, and I think we can leverage this to create community around our shared spaces. Through collaboration we can coexist and protect the watershed for future generations.	1
I'm 58...and the ebike allows me to get out an exercise again. Thank you for your work	1
I would really like to see more singletrack access for mountain biking. Thanks!	1
I would prefer that bikes not be given access to single track trails that are currently open to just hikers and equestrians. This would be the more safe and pleasurable option.	1
I would not like to see more single tracks available to bikers. The hikers really need some areas where they can experience nature without any bikes going by, even slow kind riders.	1
I would love to start seeing regular newsletters about what exactly the watershed is doing in managing the forest and plants/animal habitats of the forest: what are you doing to reduce fire hazards (regular, small, controlled burns, for instance?), what are you doing to evolve with the changing climate conditions, what are you doing to preserve what is currently there, what environmental specialists are you hiring to educate your board members and workers regarding stewardship of the land? I ask to see how my money is being used by the watershed to immediately take care of dead or sick trees, remove human litter, mitigate erosion, educate responsible human behavior in more-than-human places, and to otherwise be leaders in public forest stewardship.	1
I would love to see more legal singletrack trail access for mountain bikes. Our community and our trails will benefit. As a nineteen year old who has grown up in Marin County my entire life, I have been able to personally witness the incredible impact it can have to allow mountain bikers on trails. Increased trail access will allow more people to enjoy the beauty that surrounds us. If we allow more bikes on trails, less carbon will be emitted into the air. Fewer cars will be on the roads. It is much better for the environment to encourage bike usage. Singletrack is essential to the sport of mountain biking. I am just one example of the many young Marin County residents who have grown up and fallen in love with the sport of mountain biking, and then realized that mountain bikes aren't even allowed on most of our trails. Singletrack access is a strongly held value for me and for everybody I know who lives in Marin. My peers and I look forward to seeing a change.	1
I would love to be able to ride single track trails on the mountain	1
I would like to think that more legal access for bikes, on appropriately chosen single tracks, or even single tracks open on certain days only, as well as new trails and climb only single track as trail connectors would help improve trail etiquette and interactions. Public trail maintenance days on multi use single track would also be beneficial (ex Sierra Butte Trail Stewardship, Santa Cruz Mountain Trail Stewardship, Whistler Off Road Cycling Association) I enjoy tam in a variety of ways and I would like to see human to human interaction improve, as well as stewardship of the mountain. It seems like trail etiquette, even how to simply share a trail or fire road, has been forgotten.	1
I would like to see trail access reflect user bases. So, if 45% of the users are on mountain bikes, 45% are hikers, 5% are anglers, 4.5% are other, and .5% are horse riders, horse riders should not have more access than other groups.	1
I would like to see the parking situation near Alpine Dam addressed. Too many cars parking illegally.	1
I would like to see more trails available for bikes - specifically to make some one-way single track sections like we have at China Camp.	1



<p>I would like to see more thoughtful conversation around displacement and acknowledgement that it is not exclusive to any one visitor group. The current blanket ban of bikes from all single-track trails on the watershed is a form of displacement. Let's work together to find solutions we can all benefit from and comply with. All trail stakeholders should work together to identify opportunities to reduce visitor congestion and conflict in popular areas. This can be accomplished through time allocation, the creation of new loops and experiences that draw visitors away from congested areas, and by implementing slow zones through popular corridors. Trail erosion is an area of agreement among all trail users. Erosion is bad for the environment and diminishes the trail experience. It's generally the result of poor alignment, overgrade, a lack of maintenance, little to no management (winter closures for example) and or all of the above. I would like to see more diversity on Mt. Tam.</p>	<p>1</p>
<p>I would like to see more protections for animals like the salamanders who are trying to cross the trails in the rainy months.</p>	<p>1</p>
<p>I would like to see more equity and access for mountain bikers. I have two young sons ages 6 and 8. We ride bikes together. The only places I can take them is fireroads. When we travel outside Marin they get to enjoy single-track and doubletrack trails all over California except in their own home neighborhood. It is sad to have the discussion with them that mountain bikers do not have the same equity or access as hikers or equestrians because of where we live. Mountain bikers are a huge user group and have minimal access to the trails on Tam and surrounding areas in Marin. We are a workforce ready to help maintain or build trails more so than the hiker groups. The time has come for inclusion and equity to teach the future generations like my boys of fairness and inclusion not exclusion for no reason.</p>	<p>1</p>
<p>I would like to see more emphasis on finding common ground between trail use groups, less villainization of the biking community. In discussing bikes, I would like to see less personal biases and opinions and only factual information based on proper studies. It is exhausting and frustrating to hear decision makers and influencers spouting out opinions and biases or catering to the loudest interest group. Your question above about bikes is a perfect example. Why do we care about people's opinion. The bikes themselves do not cause any different impact on the trails... We don't need personal biases to shape the discussion.</p>	<p>1</p>
<p>i would like to see more bicycle access on certain single track trails. Perhaps the odd or even day trail sharing could work.</p>	<p>1</p>
<p>I would like to see ebikes only allowed for ADA access. My observations on other trails show extensive erosion from the heavier ebikes, especially in the winter. A good example is parts of Coastal View trail between Cardiac and Heather Cutoff in MTSP.</p>	<p>1</p>
<p>I would like to see a better distribution of trail access for people on bikes. I would like to have access to more trails and single track trails on the watershed not just fire roads. Conflict can be reduced by separating users either by odd/even day splits or directional trails and physical separation on parallel trails to make it more fair and inclusive.</p>	<p>1</p>
<p>I would like to see a better distribution of bicycle access. I think the following attributes are key to success. Safety: Enable all trail users to access the trails without undue risk of harm. Equity: Every trail user regardless of their race, age, gender, income or recreational preferences is considered equally in the process. Sustainability: Trail use policy should be data based and support environmental preservation and social sustainability.</p>	<p>1</p>
<p>I would like to keep bikes off the single track trails and I wish people would keep their dogs on leash. I grew up in Marin biking and running and hiking on the mountain. Let's find a way to work together and keep our play area safe. Let's do what is best for the mountain and our wildlife.</p>	<p>1</p>
<p>I would like the plan to consider all trail users and not exclude trail users because of the way they choose to enjoy the outdoors. I would also like there to be more community events where you can volunteer to help fix up high traffic trails.</p>	<p>1</p>
<p>I would like more single track mountain biking trails, please.</p>	<p>1</p>
<p>I would just like to see less policing of bicycles. 99.99% of us are careful and cool to hikers. Frankly the biggest danger is not us, but vigilante hikers laying traps for bikes.</p>	<p>1</p>
<p>I would buy a pass to use if it helped support trail maintenance and building as well as trail liaisons to keep things safe and friendly.</p>	<p>1</p>

I wish there was a way to point out to visitors (cyclists) that it's not a race but an experience.	1
I wish MMWD would have the courage to confront anti-herbicide absolutists, and make judicious use of herbicides when necessary to eliminate invasive plants that are degrading native habitats.	1
I watched a video of the meeting a few years ago about the bike access in the watershed and I was appalled at the closed mindedness of the participants. E bikes already on Mount Tam and there is clearly not a problem. Be pragmatic rather than dogmatic.	1
I wasn't able to drag and drop the previous question for some reason. I would not be in favor of having to make a reservation to use the mountain. However if that does happen it should only be on weekends or holidays. It is not an issue on weekdays. Thank you for enabling us to spend time in this amazing place! It is what helps to keep us sane.	1
I was unable to drag on the previous question. My second choice was to establish a reservation system for parking	1
I visit the watershed at least once a week, usually more and I have never had a problem with congestion or overcrowding (except early in Covid), so the emphasis on that in this survey is confusing. I also am against closing social trails - they are there because they serve a purpose to the community. If more work needs to be done to properly maintain them community groups, particularly the mountain bike community, would be happy to help.	1
I usually hike in the morning on weekdays, mostly with a hiking group, so I don't experience congestion on the trails. I have experienced encountering bikers on narrow trails clearly marked "no bikes". I don't think bikes should be allowed. No body seems to pay attention to rules. They would be everywhere.	1
I used to live in Fairfax but now only visit. Mt. Tam has always had a special place in my soul.	1
I understand the hiker concerns about bikes on trails. I built trails all over Marin as a trail crew member in the State Park and in other parks as a trail crew leader. I am a hiker/backpacker too. I hiked trails on the State Park side as a young man with senior hikers. They have a right to hike without concern about being scared, startled or crashed into. However, the entire mountain is given over to hikers, horses only on trails, this is not fair to mountain bikers who represent a significant percentage of the recreation users. Biking "single track" is a very different experience from riding on a fire road and bikers should be able to access it. Perhaps one way to lower the occasional discord between the users would be to create a pass system where both bikers and hikers could be given education on how to enjoy the parks together. Completion gives one a pass to hike or bike certain multi-use trails. Start with a list of potential trails and open them over a period of time.	1
I understand the desire to keep the nature as is, and minimize effects and impact visitors may have on the Mt. Tam Watershed... We should also have a desire to provide people with access to nature (if anything, the couple of years of covid lockdowns, etc. have proven how valuable it is to be able to spend time outside, in the nature).	1
I understand the beauty of being in nature and hiking in remote spots. Some of the hiking-only trails are really beautiful and I wish bikers could go there too. However, I would like to see bikers respect the safety of others by passing others at a speed that keeps everybody safe.	1
I think your maintenance of the dirt roads drainages is no great. You need to clean out the water bars annually. I see many places where water has damaged the roads due to poor drainage work.	1
I think you do a great job. I feel very lucky. Thank you for all your hard work.	1
I think we all need to remember the trails are for all- hikers, bikers, horses, etc.	1
I think the user base of the watershed has changed drastically since the last plan was put in place and the new plan needs to adapt to the new and future user base. Many more trails need to be utilized/maintained to support the current user base in a way that minimizes user conflict and preserve the watershed. There needs to be a way to minimize negative impacts of multi-user groups on the same trail at the same time. The watershed is for all and the plan needs to support inclusive usage.	1
I think the priority should be allowing Marin residents to enjoy the outdoors, not further restricting access so that only the squirrels get to spend time in Mt. Tam. We need a reset of the usage guidelines that takes into account the population that lives in Marin today and how they want to use this shared resource.	1

I think the goal of management strategies should be to prioritize trail designation to be representative of the users. The mountain bike community is willing to help build new trails for bikes. This will reduce congestion on trails and improve user experience.	1
I think that it will be very difficult to regulate ebikes once they are allowed. There is currently a well thought out regulation preventing motorized vehicles. Please do not change this because of a vocal ebike lobby.	1
I think single track trails should continue to be reserved for hikers and runners. It would be extremely disruptive and potentially unsafe to have cyclists using the single track trails such that hikers and runners would have to dodge them on very narrow trails, often on high altitude/rocky areas.	1
I think most people think mt tam watershed is mt tam and not mmwd. confusing	1
I think more trails need to be opened. There is such a huge area available and the impact of hiking/biking compared to roads/driving that it's a crime so much area is devoted to cars and so little to bikes.	1
I think it's time that we discontinue the 100-year unrestricted recreational use of the watershed. It is already suffering a great deal of damage, mostly from bikes that travel way too fast and go on narrow trails where they aren't allowed. The carrying capacity of the mountain has already been exceeded. MMWD cannot continue to allow unrestricted sports use without still more damage to what is a biodiversity hotspot. You can bicycle and walk a dog in hundreds of locations in the county, but we have only ONE biodiversity reserve and once it's trashed, it's lost.	1
I think it's time to start looking at how other regions and agencies in the state manage mountain biking access and regulation. For being the birthplace of mountain biking we are a decade or more behind other regions in terms of trail access and management.	1
I think it would be fine to let bikers use the trail system.	1
I think having a dedicated trail network for bikes would be a great way to provide peace of mind to hikers and equestrians. We have a great group on Access for Bikes who would be great at creating dedicated biking trails. If that is not possible then creating multi-use trails with rules that have bike days and no-bike days can work too.	1
I think E bikes should be allowed. I don't know how to keep them off hiking trails and how to slow them down on fire roads. I've been nearly knocked over or hit on the Benstein Trail and around Lake Lagunitas more times than I can remember. I don't know what's worse, encountering them speeding uphill when I'm walking downhill or having them overtake me from behind.	1
I think bikes should NOT be allowed around Lake Lagunitas at all. There are plenty of other trails for bikes and this is a place for walkers young and old to walk around the lake. Also there are newts crossing the trail, they blend in and are difficult to see especially if you are on a bike. I have seen too many newts that have been run over by bikes. Over the years it seems like there are less newts and they must be protected.	1
I think bikers should have more options for single track trails. The prioritization of hikers over bikers is ridiculous. Single track trails have been proven to create minimal disturbance to the environment. Yet, bikes are banned on them and pushed onto fire trails that are creating much larger runoff issues. The number of bikers is large and growing yet they are underrepresented in this community. Consider allowing the MTB community to build and maintain their trails. They will take the financial burden off the system and create something enjoyed by many. I think the watershed district should sell passes (like China Camp). When users purchase they can sign a waiver. This would be a revenue stream to help the watershed and also eliminate the "risk" that exists when people use the space. Mt. Tam is a gift to the world and it's a shame that some people dictate the usage and prioritization of users instead of trying to maximize enjoyment for all.	1
I support more bicycle access on Mt. Tam, including e-bikes. More connections mean better access to the beautiful environment on the mountain and surrounding areas. And if we can encourage visitors to arrive without a car, that's a massive win.	1
I suggest that e-bikes be restricted to those 65 & older. As my friends have turned into their 70's they'd like to continue to enjoy Mt. Tam on bikes, but are not physically able to handle the challenges that the mountain provides on a non electric bike. I would sure hate to see them miss out on our beautiful Mt. Tam	1

<p>I started mountain biking on Mt. Tam in 1982 and it was a cat and mouse game with the rangers and warfar e with the hikers. The "no bikes" rule had us riding at night to avoid vicious people. When I moved from Mill Valley to Santa Venetia and started riding China Camp I noticed that the multi-use trails there supported a m uch nicer social trail interaction and folks were cordial and respectful of each other. Same goes for Tamaran cho. Why can't this be the case on Mt. Tam? Take advantage of bikers who LOVE to volunteer for trail work. Take advantage of bikers who LOVE Mt. Tam and look after her when tourists misbehave, when invasive we eds take hold, or when wildlife is in harms way. We CAN all get along. We all care so much for the Moutain.</p>	<p>1</p>
<p>I run bike and bike the Fairfax san anselmo areas to peak and all over, frequently. I have very few issues an d generally feel the trails work good or great. Parking can be a prob at phoenix lake.</p>	<p>1</p>
<p>i ride an ebike here sometimes. i dont go nearly as fast as other maual riders. ive never seen other e riders r iding irresponsibly. i love the freedom of mt tam. any extra permitting just moves toward losing the magic of t he place. i love tam and thanks for taking care of it</p>	<p>1</p>
<p>I ride all over. Tam is the ONLY place where I experience issues.</p>	<p>1</p>
<p>I respect following the rules on no MTB bikes on a single track, but I am considering stopping that since you do not enforce on use of e-bikes, so if you aren't enforcing your rules, why shouldn't I be able to ride single t racks? It is the safest because of its low speeds and ease of getting off your bike if you see another trail use r. The speeds the e-bikes ride at are unsafe uphill, and none of them ride at a "normal" speed. It is starting t o feel like a motorcycle park at times</p>	<p>1</p>
<p>I recommend partnering with and coordinating with all user groups to garner support and true stewardship o f the land, including volunteering for trail maintenance, collaboration across foundations &amp; organizations, an d understanding of everyones points of views.</p>	<p>1</p>
<p>I really think there is a huge opportunity to be more creative in how we think about bikers in the watershed. Social trails shouldn't be removed, rather be considered for helping move bikers in congested areas in parti cular. More creative ideas around bikers accessing trails in the Mt Tam watershed will be more inclusive + w ill enable better safety for everyone. I'm a father and enjoy hiking with my 2 year old, and am also an avid m ountain biker. I understand some of the challenges w/ multi-use trails, but believe there is middle ground tha t can be found (e.g. Even / Odd days for bike access; directional trails; adopting directional trails; adopting s ocial mtb trails; etc...). Encourage us to look to places like Santa Cruz, Lake Tahoe, Sedona, etc... where it f eels like they've really figured a lot of this out.</p>	<p>1</p>
<p>I really hope through this process we hear a wide variety of voices and opinions and that the people involve d in the planning aspects can filter out some of the louder voices of people who have been shouting about t he same exact things for years (and just want the water district to be their personal backyard nature preserv e free of other people, sounds quaint but impossible what's effectively suburb of a major metro area full of p eople seemling unburdened by money...). Thinking about ways to promote a culture of both respect for hum an impact on the watershed but also recognizing that people do, and will continue to use the land in a variet y of ways and also promoting respect between trail users (as much as that's actually possible, again I think keeping all single track offlimit to bikes only perpetuates user conflicts and negative interactions). Thanks fo r taking the time to do all these workshops and hopefully reading this as well!</p>	<p>1</p>
<p>I really don't understand how so many trails can be closed to bikers. Seems like other places have figured o ut how to make their beautiful areas open to mountain biking. Maybe study how moab, bend, bentonville, et c., and others have figured this out? Not only is it a disservice to those of us who live here but it feels like a massive opportunity is being missed to draw tourists to Marin and help our economy - and share our beauty.</p>	<p>1</p>
<p>I really appreciate the beauty and open space on the watershed. I would really like to see more bicycle acce ss to trails in the watershed, and would be happy to volunteer in any way to make that possible.</p>	<p>1</p>
<p>I rarely bike but I think the local biking community deserves more dedicated single track opportunities. Open ing existing single track trails to bikes would be a mess with bikers and hikers but there seems to be enough acreage available to create some trails for bikers. The existing single track trails are not built to withstand cu mulative bike abuse but bike-savvy trail builders know how to create bike trails. Put them to work with your ov ersight. They would probably be happy to put in the labor.</p>	<p>1</p>
<p>I pay MMWD water bills the same as anyone else, but don't get equal access to the trails as those on horse s or foot. MMWD seems focused on prioritizing the needs of wealthy, white, horse owners over all else</p>	<p>1</p>

I no longer hike in China Camp State Park because bicycles are so prevalent on all trails. Many trails on Mt Tam are narrow and bicycles would make passing dangerous.	1
I never experience congestion on Mt. Tam trails. I'm up and down Elderidge, Old RR Grade, Shaver Grade, Hoo Koo E Koo and a couple others and it's peaceful and deserted. There's more than enough trails to let bikers onto single track.	1
I my experience most people don't understand the differences among the various categories of e-bikes. In most cases, people on the trails wouldn't notice or care about pedal assisted mountain bikes (class 1). However, there is a lot of anxiety among residents about the throttle assisted bikes that are very popular among kids and teenagers (unlike class 1 mountain bikes, these are distinctive bikes, very common on the road and thought of by many as electric motorcycles. So when people are asked how they think about e-bikes on mt. tam they are often envisioning the latter and are envisioning new access to this type of bike disturbing and endangering their hiking. They are not necessarily thinking of pedal assisted mountain bikes which blend in with regular MTBs and which are already on the mountain. This is likely to significantly skew the survey results. I believe a follow-up survey may be needed to delineate and allow separate views on different ebike categories	1
I mountain bike 1-3 times a week on Mt.Tam, week day afternoons and weekend mornings. I would love to get more access to single track trails, especially in the more remote areas. I believe adding more cycling options would spread the use and thereby lower congestion for the most used areas. I find the relationship with bikers, hikers, runners and dog walkers to be working well. I encourage you to consider using positive reinforcement messages. I.e. encourage all users to get along and collaborate so that we all can enjoy this. So in other words, no speed traps, instead get out there and talk to users that are not considerate.	1
I love to ride my mountain bike in the watershed district, and I am interested in increased mountain bike access on single tracks.	1
I love the watershed. It's why I stay here though I really can't afford to... My cycling friends love it too. Please consider being more inclusive of cyclists!	1
I love the watershed! I'm glad that there are water fountains spread throughout as well as educational signs by each lake.	1
I love the Watershed and appreciate all your hard work to maintain it. I simply want more access for mountain bikers. Re: e-bike use, I think a permit is a GREAT idea. I would also restrict Type II (Throttle e-bikes) that do not require any pedal assist - they are like mini-motorcycles - too many novices are using those without the necessary experience of riding to keep themselves and others safe. Type I e-bikes are sufficient for climbing the trails.	1
i love the our natural setting- i am glad that we have so much of it- i'd like us to stop advertising to gangs of bikers- and start enforcing current laws- no ebikes- they come up fast and go down fast and are often ridden by incompetent riders who are dangerous to everyone- stupidest thing i've seen yet- enforce the law!	1
I love the Mt. Tam Watershed but some of the visitors think they're the only ones there and drive too fast, drive in the middle of the road, have their dogs off leash, etc.	1
I love the Mt Tam. It has saved my life through hiking and biking.	1
I love the Mt Tam Watershed so much, whether I am hiking with my dog or riding my bike, it adds so much to my life to be able to access the trails from home. I really make a point to say hello to other hikers or riders, many hikers will not say hello if I am on my bike. It is so sad to me, the trails are not just for hiking. They are to be enjoyed by all of us, all ages and we should feel welcomed whether we are riding a bike, hiking, on a horse, have a dog, don't have a dog, etc..	1
I love the hiking and running accessibility, but it would be great if there was more acceptance of mountain biking in the area! Having some days be reserved for mountain biking and other days for foot traffic would be ideal	1
I love that I have this precious area so close to home. The biking situation is the most concerning for me.	1
I love riding in the watershed area, and will always make it a go-to destination.	1

I love our Watershed and appreciate all of the passion and hard work that goes into maintaining the high level of quality that we enjoy today. Marin frequently gets colored with a black eye in allegations around bowing to old school interest and a local press that is all too happy to sensationalize negative trail interactions. I am really optimistic that we are at a turning point in which hikes and bikers can get aligned on approaches well proven in other land management model. I also believe that the current Watershed users can be counted on to literally lend a hand (trail work) or open their wallets (use permits?) if towards a more balanced and equitable model. Thank you for the opportunity to provide these comments	1
I love Mt. Tam and want more people to experience it!	1
I love Mt Tam. It is my favorite place. I wish there was more respect for the nature here, as well as the fact that this is a sacred place for Indigenous peoples of this area, many of whom don't have access to it anymore to uphold their important traditions. Their home since the beginning of time. Hope we can remember that better in the future. Would love to see the watershed closed off for certain restoration projects - and explained why its important! - or closed off for Indigenous ceremony, or for owl nesting seasons. Let's refocus on the important stuff, not get caught up in the silly arguments over dogs and parking reservations. Thank you for coming to my ted talk.	1
I love Mt Tam! Gravel on some trails makes riding unsafe, is there any other form of covering you can use for erosion?	1
I love Mt Tam and I believe that we can implement a shared use solution that includes mountain bikers as equal participants on the watershed.	1
I love mount Tam. I feel that Mountain bikers had been inappropriately banned from most trails. I also support e-bikes. They are safe and a great way for older people to be able to enjoy Mount Tam.	1
I love living near and utilizing the watershed and as a daily user (biking, hiking, running, dog walking) I have found most people to be very social and pleased. I do think we need to open up more terrain for bikes under limited and controlled conditions.	1
I love it. I wish dogs and people were allowed in at least one of the lakes and I believe drinking water treatment plants can/could handle any pollutants introduced by these activities. (I have a M.S. in Civil and Environmental Engineering and have studied water and wastewater treatment extensively)	1
I love having access to all the trails and fire roads around the watershed. We live in incredible area	1
I love exploring and getting out in nature in the Mt. Tam watershed please allow more trail access for bikes.	1
I live in the woodlands and access the Mt Tam daily. I am an avid Mtn biker and coach my son's high school team. I would love to see greater access for bikers, and fully understand the importance of stewardship of the land, which we teach our kids on the team.	1
I like the way the Mt. Tam Watershed is managed, I think it would be a mistake to make it too restrictive, especially during weekdays, when it is not busy. To have to make a reservation for parking takes the spontaneity out of using the park. Maybe on weekends this is a something to consider. I do not want to see the Watershed to become too regimented and too controlled, I want it to feel and be an outdoors free experience, not a controlled environment. Please Keep it a natural experience.	1
I like the idea of permits to access my tam. Generate revenue and also create a funding mechanism to enhance accessibility beyond the current trail system for bikes.	1
I like the bike safety kit I see now on part of lower Eldridge! More of that, more acknowledgement of the bike communities that thrive, and increasing that access so that our adults and children who power themselves to explore on 2 wheels can be trusted to explore more — that, would be wonderful!	1
I know it is hard around here with rainy season and fog that creates wet trails but people need to stay off wet muddy trails. Coastal has been cleaned up recently and folks are ruining it already and it isn't rainy season. Maybe more signs and education on it. I just rode up in Bend, OR and there are "no riding on wet trail" signs everywhere and they are pristine.	1

<p>I imagine that social trails are non sanctioned trails. I am not in support of closing / removing these trails thus having more people on fewer trails. I've hiked on the mountain for 45 years and some of the most amazing areas are accessed through these types of trails. I've been mountain biking on the mountain for about 10 years and I am surprised and don't agree on the limitations to mountain bikes. If hikers and horses can share a trail then surely hikers/horses/bikers can share trails. The district needs to change with the times. The days of horses filling the mountain are in the past. I grew up riding horses and when my children were growing up in Marin access to horses was limited and expensive. Compare that to the high school mountain bike teams which bring hundreds of teenagers to the mountain every year. It's time to change a bit.</p>	<p>1</p>
<p>I hugely appreciate being able to access all of this area. That in around 2 hours from my door in San Francisco I can be on my bike looking at the views back towards SF from Old Railroad Grade is amazing. Thanks to everyone who makes that access possible every day.</p>	<p>1</p>
<p>I hike, run and bike in the watershed frequently. Mt. Tam seems to be operated for the exclusive benefit of hikers. Mountain bikers should have access to dedicated single track trails where they won't conflict with hikers. Limiting mountain bikes to fire roads leads to various unintended consequences including the creation of unmarked trails, after hours riding, unsanctioned trail use and conflict with hikers. Banning e-bikes is also a bad idea given their popularity in the community. Marin is full of older people many of whom can use the extra boost from an e-bike to access the watershed. E-bikes are the future, attempting to ban them is bound to fail and lead to unintended consequences. Requiring permits is pointless and also destined to fail. Putting in place reasonable rules that for safe operation and ticketing a few bad actors are more likely to lead to a good result. The effectiveness of the current ban on e-bikes is a case study in people ignoring unreasonable rules.</p>	<p>1</p>
<p>I hike all over the watershed and on the mountain all the time. Hardly see other people except at Lake Phoenix where there is never any parking.</p>	<p>1</p>
<p>I haven't noticed congestion</p>	<p>1</p>
<p>I have spent my whole life in Marin and am now a dad and a home owner who lives on the foot of the mountain in homestead valley. I ride bikes and run and hike with my family. I literally grew up in the mountain. The mountain is wildly underutilized during the week and over utilized during the weekends. Open up access during the week to bikes in more places and use things like alternate days and directional trails. It will work!</p>	<p>1</p>
<p>I have participated in multiple surveys or community meetings about mountain bike trail access on Mt. Tam Watershed land. It seems like there are always lots of meetings or exploratory discussions but never any actual changes on how we can have a better distribution of trail access for people on Bikes. Nothing has changed in the last 30 years other than the new signs paid for by proposition A that say no bikes allowed.</p>	<p>1</p>
<p>I have observed significant erosion and trail damage from bikes riding illegally in the Big Carson drainage area on the Old Sled trail.</p>	<p>1</p>
<p>I have lived in Marin for 55 years and bike on the watershed almost everyday. I am a 57 year old mountain biker who is also a conscientious , courteous Trail user. The exclusion of the bike community from use of single track is a legacy policy which needs to be revised. Bikes don't do more harm than other user groups (when trails are maintained and accessed according to proper guidelines). For too long ALL mtn bikers have been stereotyped by other user groups as dangerous, young, thrill seeking scofflaws. This is not accurate. We are fathers and mothers and sons and daughters and doctors and lawyers and veterans and plumbers and firemen and teens and septuagenarians. We are Marin county. And we are trail stewards who care deeply about the gift of the outdoors in Marin County. It is time for mtn bikers to take their place with the other user groups that have long been afforded full and complete access to the trails of Tam.</p>	<p>1</p>
<p>I have lived in Marin for 22 years and bike on the watershed almost everyday. I am a 58 year old skilled mountain biker who is also a conscientious , courteous Trail user. I am a law abiding biker and limit my use to fire roads. The exclusion of the bike community from use of single track is a legacy policy which needs to be revised. Bikes don't do more harm than other user groups (when trails are maintained and accessed according to proper guidelines). For too long ALL mtn bikers have been stereotyped by other user groups as dangerous young, thrill seeking scofflaws. This is not accurate. We are fathers and sons and daughters and doctors and lawyers and veterans and teens and septuagenarians. And we are trail stewards who care deeply about the gift of the outdoors in Marin County. It is time for mtn bikers to take their place with the other user groups that have long been afforded full and complete access to the trails of Tam.</p>	<p>1</p>



<p>I have lived here for 40 years and have lived my entire life enjoying the open space on Mt Tam. Our family, grandparents, and guest walk, jog, bike, and E-bikes throughout the trail system. We spend every day on the mountain in some form or another. Restricting access to one group or over another would be taking away why we live here in Marin. Please allow everyone access to do any and all of these activities with NO restrictions. No group should ever have priority over another. Let us keep the Tam watershed open to all.</p>	<p>1</p>
<p>I have helped build, maintain and loved the trails and fire roads on Mt. Tam my entire adult life. Now that I'm 66, the primary way I can really continue to enjoy the fire roads is on my e-bike. An e-bike helps me on the uphill and is no different than any other mt. bike on the downhill. I mind the speed limits and am very aware and considerate of other hikers, bikers, and dogs. I feel strongly that e-bikes be allowed on Mt. Tam Watershed lands so people like me who have loved the trails their entire lives can continue to do so.</p>	<p>1</p>
<p>I have grown up here and seen the usage of the area go from all hikers to some bicycles to a pretty substantial amount of the visitors being cyclists. I think it's time to stop limiting the access to cyclists and finding ways to allow them more access. Horses do a ton of damage and poop all over yet they have a lot more access than bikes. Would love to find a way to be more inclusive for all users of trails and not just leave the hot and dusty fire roads as the only options for bikes.</p>	<p>1</p>
<p>I have found Mt Tam to be an exceptional place to ride gravel bikes</p>	<p>1</p>
<p>I have been using the water district land since I was a young child. Mostly cycling. 99% of my interactions are positive. MMWD has been complicit in providing a small minority of vocal anti-bike groups with a forum to reduce access for a huge part of the tax paying user group. Its time that MMWD honors the tax payers who want access to single track trails on their bikes. Its been proven across the world that cyclists can build</p>	<p>1</p>
<p>I have been using the mountain since the 60's for hiking, biking and running as well as general appreciation of the outdoors. It is disheartening to see some user groups such as hikers seeking to limit the enjoyment of other users such as mountain bikers. How would it work if mountain bikers sought to limit hikers use of the mountain? Obviously absurd. So why is the reverse not equally absurd?</p>	<p>1</p>
<p>I have been using the area for more than 50 years. Unfortunately there are so many users now that I do not think there is anything that can be done to restore this beautiful terrain as it was in "the good old days", but thank you for trying.</p>	<p>1</p>
<p>I have been riding the hills for years and have always found the staff pleasant to deal with and very helpful. Please keep that going. I am not a fan of ruing trails to create a fire break as they did with Upper Porcupine/Whites hill trail. Just super sad.</p>	<p>1</p>
<p>I have been riding my bike on mmwd land for over 35 years. It is a hope that my children will be able to access the water shed (by bike) and not be made to feel like a criminal.</p>	<p>1</p>
<p>I have been riding mtn bikes on Mt Tam for over 30 years. There is still a lot of people that hate mtn bikers in that area. I do not really get why people are so angry there. Most people are nice and friendly. However many people are angry, aggressive and mean. Much more so than most other areas around the bay. I would really love to see the day that culture changes.</p>	<p>1</p>
<p>I have been a Mt. Tam trail user since the mid-1980's. I hike, walk my dog and mountain bike. To this day I still do not understand why bikers are treated as second class citizens with very limited access to the trail system. Why not have an odd/even day system where bikers can ride some of the trails that are currently off limits?</p>	<p>1</p>
<p>I have been a Mill Valley resident for 10 years and my kids and I bike on the watershed almost everyday. I am a 53 year old mountain biker and high school mtn bike coach who is also a conscientious, courteous trail user. The exclusion of the bike community from use of single track is a legacy policy which needs to be revised. Bikes do no more harm than other user groups (when trails are maintained and accessed according to proper guidelines). For too long ALL mtn bikers have been stereotyped by other user groups as dangerous, young, thrill seeking scofflaws. This is not accurate. We are fathers and mothers and sons and daughters and doctors and lawyers and veterans and plumbers and firemen and teens and septuagenarians. We are Marin county. And we are trail stewards who care deeply about the gift of the outdoors in Marin County. It is time for mtn bikers to take their place with the other user groups that have long been afforded full and complete access to the trails of Tam.</p>	<p>1</p>

I have a handicap and need to ride an e-bike to continue to ride. Please take into consideration limiting the up hill speed allowed for e bikes and permit them on Mt Tam.	1
I grew up in west marin and am now raising a family here in in Fairfax with two small children. I love hiking with them on the trails and I also love mountain biking in the Mt Tam watershed. There is plenty in of room f or both to happen safely. This plan needs to represent the current user base and be inclusive, including mo untain bikes. The MTB community is here to help. We have and can contribute to trail maintenance to supp ort the water districts needs, reducing the financial burden. Mountain bikers are highly in motivated and will be strong stewards of the trails and the watershed if included. We want to be problem solvers and find com mon ground. We want everyone to enjoy their recreational time in the Tam watershed.	1
I greatly appreciate public use of the watershed.	1
I go on different trails every single time I go, and hike them all! I love them all!	1
I find this survey disappointing and slanted, ONLY addressing strategies to increase visitors and additional r ecreational usage. Other county's are limiting the visitors & closing recreational use of their watersheds - su ch as Berkeley & San Mateo. WHY isn't the damage and unsafe trails due to illegal or speeding Mt biking ad dressed? Opening trails to more recreational use and not finding ways to LIMIT and RESTRICT and ENFO RCE policies to preserve & protect the biodiversity of this area seem to be totally disregarded. The MMWD budget would be better spent NOT monitoring additional visitors or adding multi-use trails or allowing e-bike s. Currently trails are NOT being monitored properly. Smoking on trails, the building illegal trails, night riding is impossible to enforce. HOW do you plan on monitoring e-bikes, which will have the power to go so many more places with less experienced and less capable riders? Who would approved such a bias mis-leading s urvey?	1
I find it very concerning the amount of funds used to manage the bureaucracy of the mountain. This results i n a lack of funds used for education, trail development, trail maintenance, and fire reduction programs. I als o find it concerning the degree to which the lack of any educational signs or programs has caused mountain bikers to be hated by the rest of the outdoor community on Mt. Tam. I feel this is a direct result of the failure of those that manage the mountain to properly use funds to manage mountain biking. They have instead ch osen to just exclude it. Look to any other area of the country and you will see mountain bikers seen as allies in the outdoor community. They are revered for the hours and hours of volunteer trail maintenance they cont ribute as well as the boost they provide the economy in the areas they ride.	1
I find e-bikes threatening. I know several people who've been injured by wayward cyclists and the prospect of being hit by a much heavier machine is scary. I guess they could be allowed on fire roads - but once allo wed it becomes, as we've seen, nearly impossible to enforce restrictions.	1
I feel that horseback riding on trails can be more damaging at times than bike riding. I feel that EBikes may break rules for speed on the watershed. Especially young riders who use their ebikes for the down hill thrill over and over again.	1
I feel that allowing E-bikes in the watershed is a very bad idea. As it is misbehaving mountain bikers are a bi g problem. Adding the speed of E-bikes will only make matters worse. Watching E-bike riders on the street s hows how irresponsible they can be. I would not want to meet them on a trail with my horse. There are plent y of other places for them to ride. Hiking and horseback riding is supposed to be a peaceful pastime. Having bikes blast past ruins the experience and can be dangerous.	1
I feel so lucky that we have this beautiful space in the county!	1
I feel I am a truly well-rounded Watershed visitor - I hike with and without my dog, trail run, mountain bike an d bird. I raised my boys (now 13 and 16) on the Watershed trails, catching and releasing crawdads, fish, liza rds, picnicking and playing lakeside. My extended family and I have spent numerous Thanksgiving holidays eating at the group picnic area at Lake Lagunitas. I got married at Bon Tempe Lake in 2004! Please try to re turn the good vibes to the Watershed. Other states mix mountain biking into the trail system; bikers aren't th e enemy and we aren't less important than hikers. Thanks for listening. Laura O'Shea	1

<p>I don't understand the above options.... none of them sound good to me. Hikers are out to take (age-appropriate) exercise and enjoy nature. I don't think it is safe for hikers to have bicyclists on the trails. One can be knocked over and injured or even killed. And there is no recourse if cyclists don't stop and cannot be identified, let alone arrested. Bicycles compact and degrade hiking trails and destroy plants along the trail edges. Where trails are already in poor shape, bicyclists at speed kick up dust for hikers to breathe in. Bicyclists can and should use the roads and stay off hiking trails. I had trouble executing the questions involving multiple answers by clicking on the maps. You should show us a list of our responses so we can evaluate whether we have done it correctly. Also, where we enter and exit are not clear questions. Do you actually mean where we literally cross the watershed line? Or where we park?</p>	<p>1</p>
<p>I don't think we need any of the above. My only issue is the bicyclists and how they go fast and often don't even tell you that they are coming up on you. I would like to see the bicyclists limited to specific trails. My dad and I often feel like we're being run down. There should at least be bicycle etiquette so they slow down to walking speed and announce themselves.</p>	<p>1</p>
<p>I don't think any of the trail mgmt strategies listed in previous questions are a priority. There should not be more multi-use trail connections...there should be some single use specific for mt bikes (not e-bikes) that hikers and horses are not allowed to use. They should be narrow trails so that people don't have high speeds and maybe one direction. If that is not an option than the trails should be open certain days for bikes only and certain days for hikers and horses only. Other communities solve the hiker/biker/horse tension by separating user groups. With sooooo many bikes out there now we need our own trails!</p>	<p>1</p>
<p>I don't support any of the options above, especially not closing the social trails!</p>	<p>1</p>
<p>I don't spend as much time as I would like in the Mt. Tam Watershed because of the lack of access for bikes. I really believe that we can follow models based elsewhere to create a system that is safe and pleasant for everyone. This said, with new potential rules in place, we'll also need new norms. How to speak politely, pass each other on trails, all of that. The more that message can be partnered with new rules, the better.</p>	<p>1</p>
<p>I don't see social trails as being that much of an issue, and I'm a little surprised to see it on a list of only four strategies. If restoration activities are a focus, I find the invasive broom clearing, fire mitigation and recent goat herd visits to be much more positive steps.</p>	<p>1</p>
<p>I don't like these strategies. They don't consider the health of the watershed over the recreational needs of people. Bikes and e-bikes cause the most damage on the trails and move so much quicker than pedestrians, which causes us to step aside to let a biker pass if on a narrow trail.</p>	<p>1</p>
<p>I don't like any of the choices for trail management.</p>	<p>1</p>
<p>I don't know what the surveys will show. I suspect many will have trouble with the maps, and the trail strategies are not the clearest. This is a solution in search of a problem. The mountain just isn't congested, even around Phoenix Lake. The best trail strategy is to lay off and tell people to get along.</p>	<p>1</p>
<p>I don't go there often enough to have strong opinions or new ideas about improvements, etc.</p>	<p>1</p>
<p>I don't find it that congested, though I don't ever drive there. I also don't like any of the suggestions in the ranked trail management strategies other than multi-use trail connections. Instead, how about volunteers to communicate with people about trail etiquette; this is what they do at the Yuba River and it helps significantly. Signage for etiquette would also be beneficial, I cannot recall seeing much.</p>	<p>1</p>
<p>i dont feel like ive seen congestion on this visit. please change slowly if necessary</p>	<p>1</p>
<p>I don't agree with most of the numbered points in the question above but all your questionnaire allowed was a ranking. I suggest a better questionnaire.</p>	<p>1</p>
<p>I don't think this is a good survey mechanism. If you want an earfull from someone who has lived 500 ft from the Hoo koo E Coo trail for 58 years call me at 415-561-2857. The major problem with recreation on the watershed is lack of adequate personnel to control the physical and emotional problems that come from mechanical impact and confrontations between the various user groups with conflicting priorities. Until that is improved things will not be good, this survey is faulted because it does not hit a broad group and its offered options to answers to the questions are too limited. Nancy Praetzel</p>	<p>1</p>

I don't want any of those measures. Just maintain the trails, parking areas etc. Changes are not needed, there is plenty of room for all. The ruggedness of the terrain is what we are there for. I use the fire roads every weekend and have rarely had any unpleasant interactions.	1
I don't see a lot of congestion around Fairfax except on the MTB trails because biking options are so limited. If there were more options for mtn bikers the impact on the watershed would actually decrease and trail stewardship would increase. I rarely see hikers out working on trails. I often see MTBikers volunteering their time.	1
I don't really think more bike access needs to be provided in the watershed. There are plenty of trails out there to ride. There might be a few which would allow better link-ups to other trails. I think more money allocated to trail maintenance, social closures, and directional trails or bike gates for bikes would be helpful. The biggest issue, I see as a trail runner and cyclist, are cyclists who rip down multi use trails trying to set their Strava PR. Trail gates would help mitigate this without the need for additional staff. Bills Trail is a perfect example of trail gates that allow bike access but minimize speed.	1
I don't really like any of those trail management solutions. I would like to see more rangers and more enforcement of trail use: bikes on restricted trails, not sharing the fire road - this goes for increasing walkers' awareness of trail etiquette too.	1
I do not think the removal of social trails is a wise use of energy. It's been happening for decades and hasn't helped anyone. If anything it's made matters worse because there's less trails. It may be okay ecologically, but visitors will just find other non legal trails to ride, which does not help congestion, the land, or any user groups experience, even though some may say otherwise. Establishing directional trails for mountain bikes would be extremely good. They don't have to be in congested areas too. Mountain bikers have no problem going higher up on the mountain or riding a little bit further than a hiker or equestrian would go to get to a trail. Thank you for making this survey and allowing us to have input on the new plan. Thank you for trying to make a change for the better, and thanks for clean water.	1
I do not believe ebikes belong on the mountain.	1
I do feel a permit, such as like China Camp, to which I also subscribe, with some fee attached on a yearly commitment would be smart and also have on it a biker's tag or serial # if one does get asked or stopped. I say this only for bikers as walkers ought to be free to go where they wish on the trails and paths and roads	1
I did not order the above - I had a hard time understanding what the different options were. I walk on the watershed daily (Bullfrog Road) and do not have any problems with how things are now. I do not experience congestion or overuse. Everyone is happy and pleasant. We share the space very well. My only concern is that the controlled burns need to continue to happen and poison oak needs to be kept under control on both sides of the boardwalk at the marsh....	1
I currently drive from San Rafael to meet up with friends, visit shops, or enjoy trails in the Mt. Tam Watershed (especially from Mill Valley). I would prefer to take transit or bike, but I don't feel like the transit or bike infrastructure is functional enough to allow me to choose them over simply driving.	1
I couldn't rearrange the section above, but I would like to see more directional trails. They help immensely with varied skilled rides and multi use trails.	1
I couldn't drag and drop on mobile in previous question, so they're just in default order	1
I could not move the trails into my ranking	1
I could not drag the priority answers above and do not understand the last three answers. Highest priorities should be more restrooms along the trails. The trails are too congested to make using the bushes a safe or sanitary option.	1
I consider myself very fortunate to live so near the Mt. Tam watershed and make a point to enjoy it at least once a week.	1

I consider myself a long term (25+ years), frequent (4-7 days/week) multi-use user (runner/hiker/biker/e-bike r with an equestrian background) and am glad you are updating the recreation management plan to reflect current user base trends. Please include all "user groups" in development of the plan and strive to encourage a culture that accepts and includes all sorts of uses. For example, it seems to me that there is a large contingency of MMWD customers and watershed users that would greatly appreciate expanded bike access to trails and feel their voices are not being represented at MMWD. In this I see an opportunity to tap into the love of the mountain and enthusiasm for building and maintaining trails that the biking demographic brings to the table. Use that energy to help to foster a collaborative culture on the mountain and help defray some of the costs of implementing an updated recreation management plan that is reflective of current use trends.	1
I commute to work on my bike from Fairfax to Ross School and back almost every day. I also ride and hike other parts of the watershed for fun. I appreciate all the work that MMWS does to keep the mountain from becoming over-used (like Mt Diablo). That said, there are many areas where bicycles could be allowed that wouldn't affect hikers or horses all that much.	1
I coach a local high school mountain bike team and I'd love to see more mt bike friendly trails in the watershed and Marin in general. Marin is the birthplace of mountain biking and it seems that there are so few mt bike only or mt bike friendly singletrack trails compared to many other "outdoorsy" communities throughout the west. I'd like to see this change.	1
I can't drag and drop from my iPhone. Please don't make a reservation system for parking. Creating new directional bike only trails would be awesome.	1
I believe that expanded bicycle access can be compatible with other uses.	1
I believe that all motorized vehicles (in this case particularly e-bikes) belong on asphalt and should not be allowed on trails.	1
I believe e-bikes are too fast and inappropriate for the trail system. However a waiver for a person with a disability is a good idea.	1
I believe ebike riding should be ADA or of a certain age. It just seems there are too many and they don't know trail etiquette. I feel it's pretty great now but maybe open up a few single tracks to bikers in more remote areas or areas that needs a connection (ie Eldridge to Rock Springs by opening upper Northside so bikers don't need to ride Ridge Rd at the top to enter Rocky Ridge).	1
I believe all trails should be open to everyone- bikers, hikers, runners.... But perhaps employ a system where e bikes can only use certain trails on certain days of the week. I'm for ebike use but only class 1 with a strict uphill speed limit of 10mph. It'd be great if we had signage that spelled out the rules- stay right, pass left and always alert those you are passing.	1
I believe access should be available at spur of the moment to take advantage of nature & outings. Permits for or prepay parking limit access. Make more off road options to less popular trails to reduce congestion in larger more popular trails. You're doing a great job! I love our watershed.	1
I began running on the trails in 1979. The trails and area have improved tremendously (other than the death of the oaks). I began mountain biking in 1991 and e-biking in 2015. In this time I owe my health and sanity to the trails and social interactions there.	1
I appreciate ways that give mountain bikes plenty of access while still making space for hikers	1
I am very grateful to have the privilege of using the Mt. Tam watershed, and want to help maintain and improve it.	1
I am so grateful to live in Marin and use our watershed. The prioritization aspect of this survey does not work. I think that the map section for trails is limiting. I take more than one trail and use many of the trails listed.	1

<p>I am saddened by the continued illegal use of the trails. In the evening I see motorists parked along Panoramia, unloading their mountain bikes and setting out to ride on the trails at night. You can see them with their headlamps setting out. I'm disappointed and discouraged that there are people that think the best use of Mt Tam is as a recreational playground to be exploited instead of nurtured. I feel like the entities charged with maintaining the health of Mt Tam are caving in to vocal minorities like the Marin Bicycle Coalition to open up more damaging trails without thinking of the long term consequences to the plants and animals that are clinging to life in a changing environment. I really have no hope that my comments in this survey will make a bit of difference and that Mt Tam will continue to be carved up like a jigsaw puzzle.</p>	<p>1</p>
<p>I am on Mt Tam a lot. Biking is not my number one activity there but I do like biking and would love to see some of the trails converted to multi use, possibly turning some of the social trails into bike priority trails. As far as congestion, it is never an issue during the week, ever. So it would be better if congestion strategies were implemented for weekends only. I really don't like 3 of the items above. One way trails doesn't make much sense to me and will make hiking more difficult and less enjoyable, limiting options for loops. Parking reservations will make it more difficult for spontaneous trips. Only people who can plan their lives out days in advance will get to visit. And I don't see a reason for spending time eliminating social trails as they are often fun ways to get off the beaten path. One exception is if there is a serious erosion issue or big ugly scars and ruts. One other suggestion would be to include all the land agencies in a single parking pass.</p>	<p>1</p>
<p>I am on Mt Tam 2-4 times a week. I rarely find it congested or over crowded except near the start of some trail heads near parking, where expected. I would think for some trails an even/odd system of bikes/no bikes would be manageable. Bikes bring commerce, good will, and people who respect and look after nature, as much as many hikers are biased against us. I am 58 and have ridden Tam since the late 70s. I intend to ride into my 90s. It's not a new thing to ride on Tam. And class 1 ebikes are no faster than regular bikes, especially with geezers like me on them. My average speed on a ride on Tam is 8 MPH, including long downhill. Regular bikes are actually faster downhill. If you take away ebikes on tam you take away my main source of getting into nature.</p>	<p>1</p>
<p>I am not able to rank "prioritize social trail closures" as my 4th and least supported strategy above. Before social trails are closed, new trail access should be open as a way to reduce user congestion</p>	<p>1</p>
<p>I am grateful for your work. I love Mt. Tam and use it every day!</p>	<p>1</p>
<p>I am concerned with trail and fire road erosion. The less motorized vehicles including (heavy, powered) ebikes in the watershed the better. And there are many trails where bikes of any kind are not appropriate and are damaging. I would support eBike use for ADA (mobility issues) access where the road/trail can support that without damage/erosion.</p>	<p>1</p>
<p>I am concerned with the status quo, things have to change. Currently the mountain is used overwhelmingly by users who are on bikes at some times, yet all of the access is reserved for horses or hikers. It is not fair to rate-payers, and it just can't continue.</p>	<p>1</p>
<p>I am completely opposed to expanding mountain bike access to trails other than fire roads. The hiking trails are too narrow to support biking and they also damage them and cause unnecessary erosion. There is plenty of space available for everyone as it currently is.</p>	<p>1</p>
<p>I am an e-biker that would have very little chance of seeing the area without the bike. I have weak knees and have a hard time hiking the hills or using a traditional bike. I don't like the idea of throttle type bikes that are more like motorcycles. But please keep it open to the e-bikes that need human power to keep going.</p>	<p>1</p>
<p>I am an avid cyclist and am very frustrated by how few trails are legal for riders. I am able to use a bike to get to very remote areas on Tam where there are very few other people and yet I am not able to ride on the majority of those trails. Why? Every other place I travel to has found a way to share trails with hikers, cyclists and equestrians but in Marin it does seem that the cyclists are left out.</p>	<p>1</p>

<p>I am against the removal of social trails. Existing social trails could be used to create new trail opportunities for cyclists. Cyclists need new trails! Especially in areas that are congested! This will improve safety for all user groups. Trails are less used, given their location on the watershed, by general public (hikers, runners, equestrians) that are far from most trailheads (the North Side trail is a perfect example) should be re-evaluated for to include use for bikes. Any plan that you come up with needs to be inclusive to ALL USER GROUPS! As the birthplace of Mountain Biking, we should be the model and not the exception in this country. MTBers want to assist with trail management to support the water district &amp; help reduce the financial burden associated w/ that maintenance. They want all user groups to enjoy the outdoors as much as they do. We all have the same goals. cyclists just see it on 2 wheels.</p>	<p>1</p>
<p>I am against closing social trails. Also more trails should be open to bikes</p>	<p>1</p>
<p>I am a near daily mountain bike visitor. While I strongly support improved bicycle trail access I also believe that the lack of access combined with an increase in the number and types of bicycles on Mt Tam has led to an increase in the number of cyclists that feel entitled to illegally ride non-bike trails. Specifically: Northside, Liberty Gulch/Azalea Hill, Split Rock, Collier, Shady Side, Pumpkin. I believe that illegal cycling creates negative interactions and perceptions and holds back expanded legal trail access. I would like to see an increase in the frequency of foot rangers enforcing current trail policy, increased fines and bicycle confiscation where possible.</p>	<p>1</p>
<p>I am a hiker, trail runner, and mountain biker. I use the watershed extensively. There are areas where mountain bikes shouldn't be allowed due to its high use (e.g. the Phoenix Lake Loop). Yet, there are miles of trails that are much more difficult to access on foot but more easy on a mountain bike (acoustic or electric). These more out of the way trails should be able to be utilized by mountain bikes. It could get us out of the way of the high density areas, spread people across the mountain, and decrease any (perceived or real) issues between user groups.</p>	<p>1</p>
<p>I am a high school mountain bike coach and a lifelong resident of the area. It would be helpful to have trails that separate hikers and bikers especially lower on the mountain.</p>	<p>1</p>
<p>I am a dedicated multi-use trail user. I identify as a cyclist but I hike, I am a nature observer, I love horses but do not ride one and I frequently bring my children (now 16/18) to the trails. 99% of my trail interactions are positive whether that is bike/hiker bike/horse or I see bikes while hiking/running. I am polite and I usually observe the same from others. There are a dedicated and vocal few that seem to be strongly anti-cyclist. My children are confused about this elitist attitude. We are nature stewards and as SAR volunteers have a giving attitude and are confused as to why a hiker would want to exclude another rightful land owner from their shared property. We look for solutions to sharing the asset versus fighting over an elitists groups access concerns. Ideas include an app that helps minimize bikers/hikers/horses encounters. SLOW DOWN, MOVE ASIDE, SAY HELLO. Or use trail rangers as ambassadors for trail safety (versus enforcement)</p>	<p>1</p>
<p>I am a 64 year old female practicing physician who is battling breast cancer. I used to run on the trails of Mt. Tam as well as mountain biked the fire roads. As I aged and became ill, I began to lose a lot of the fire roads that were deeper into the mountain or more technical. Then I purchased an e-bike and that has given me back the mountain. I could bike to Potrero Meadow again! E-bikes should absolutely be allowed or else the mountain becomes only for the young and the healthy and that is so wrong.</p>	<p>1</p>
<p>I am 76 years old, have a Class 1 E-bike (Specialized Turbo Levo Comp), and am able to ride anywhere on the fireroads on Mt. Tam. Even though I am in good shape and have logged 3250 miles in the past year, inevitable muscle atrophy at my age would preclude riding on many of the climbs. The E-bike has allowed me to actively participate in my love of the outdoors. I do not believe the E-bike causes FR/trail degradation, and my combined weight (me+bike) is no more than many riders on standard bikes. Beyond that, the wider tires (compared for example to a gravel bike) presumably impart more diffused force on the FR/trail surfaces. Please consider broadening access on MMWD fireroads.</p>	<p>1</p>
<p>I am 66. I have been riding my mountain bike on Mt. Tam for over 30 years. It has become harder as I have aged to be able to ride unassisted and thus I often use an e-bike (pedal assist, not throttle-based which is an important consideration for you) to climb certain hills on my normal routes. I believe that this ought to be fully allowed with zero hassle on all fire-roads, and (with luck) someday on select bike-only single track trails.</p>	<p>1</p>



I am 32 years young and have arthritis in both of my big toes. I cannot enjoy Mt Tam on foot and I'm sure there are many others like me who want to access the thrill and nature of the Watershed but don't have the privilege of good feet/knees/hips. We are not disabled but we are not enabled as the pretentious hikers who want the mountain all to themselves. Please create more bike-friendly trails, hiking-only is ableist discrimination.	1
I always enjoys my visits to Mt. Tam and look forward to the next visit. It is a truly wonderful place that we should all work hard to conserve for future generations.	1
Human impact on our planet as a whole and on the watershed in particular have greatly increased since MMWD was established in 1912. For this reason, it is important to take actions different now than were considered before in order to have a higher level of protection and restoration.	1
How does the drag and drop work on the above priority list? Is this supposed to be mobile friendly? I see no way of dragging and dropping. My priority is protecting the environment, so restoration and closing social trails would be my choice. No e bikes. There is no way to control them -- no possible way to control speeders. There are already enough downhill speeding bikes, with noisy shouting riders. Also, the maps for my access point etc. above are too limited. I access the watershed many, many ways, and hike all over. Thus my pointers on the maps are totally random.	1
Horse riders are the worst	1
Hopefully decisions can be made by the MMWD board that are data driven and based on user counts coupled with best land use management practices elsewhere, as opposed to the hateful rhetoric from a vocal minority. I've been fortunate to both hike and ride in trails throughout Park City and Colorado and user groups can collaborate and get along. Through collaboration, all user groups can coexist and protect the watershed for future generations. Thank you for your hard work!	1
Honestly I really love the Watershed the way it is. I am a frequent runner on the trails by Phoenix Lake, Lake Lagunitas, Bon Tempe Lake, Yolanda Trail, etc. I also enjoy biking to Alpine Dam and beyond and hiking by the lakes. I have never experienced crowding, lack of parking, conflicts with other users, etc. to be an issue at all - so question the need for things like a reservation parking system, closure of trails for restoration, etc. Regarding e-bikes, I am personally not a fan and prefer to keep the trails for "human powered" activities, however honestly I have rarely seen them in the Watershed, so I would not say they are a problem so far. The Watershed is such an amazing resources for outdoor recreation and I hope that the current easy access throughout the Watershed will continue.	1
Hire many more assistant rangers, reimburse them from fines they collect enforcing Marin Water regulations	1
Hikers on Mt. Tam will be safer if bikes are restricted to the wider fire trails. There is a danger on the narrow single-track trails. The speed and care of the rider can vary.	1
Hikers need to be tamed.	1
Higher up the mountain (past 1 mile) there are way fewer hikers. This is a prime spot for more development of mountain bike trails, since it's too high up for most hikers to access. There are multiple trail advocacy groups in Marin who will build and maintain singletrack. Odd/even days are proven solutions that help everyone have equal access to public lands (see Tahoe as an example). The discrimination and "ownership" of the open space by hiking groups is discriminatory -- and, frankly, dangerous, considering the alternative is roads and not-well built trails. There are hundreds of high school mountain bikers now who need safe trails to train on, as well as a vibrant community here of mountain bikers who are willing to share and help build and maintain the trails. Look at the success of Tamarancho as an example. Unfortunately, the trail is so impacted now because it's one of the few places with singletrack. This is why we need more trail access.	1
High Bike speed and unleashed dogs are a physical hazard. I have used the trails as a walker for 45 years. It is unfair to pedestrians to not regulate bike and dogs.	1
having trails where horses are allowed and bikes are not is illogical and inequitable. horses are very expensive, causes intense damage, and are actually dangerous. horse access should be reduced and bike access should be increased. Open more trails to mountain bikes.	1
Having reserved parking doesn't make sense, it prevents the locals from being able to access their back yards. Example- Muir Woods Thanks so much for creating a survey and collecting feedback!	1

Having a small trail network of mountain bike trails of varying skill levels would be a positive thing for trail users of Mt Tam. Professionally built trails with 'filter features' at the start to represent the difficulty of the trail would allow people to make a safe decision on what trails to ride. This could reduce the amount of congestion in heavily foot trafficked areas and reduce the potential for negative interactions, making it safer for all parties. As the birthplace of mountain biking, having trails to be proud of would be really cool. Although I love riding the fire roads all over, descending rocky steep fire roads may be more dangerous than purpose built bike trail especially for less experienced riders/e-bikers	1
Have regular ongoing volunteer opportunities for trail work and maintenance.	1
Have lake lagunitas ADA accessible. Widen the trails around lake for wheelchair so family can take loved one for a picnic and a walk around entire lake. Also make picnic ground slightly level so one can take manage with a wheel chair.	1
Have clearly defined areas where bikers are not allowed and enforce those restrictions. Create more parking in the areas around Mt Tam where there is high use and encourage bikers to use legal trails only by issuing citations.	1
Greater cooperation with Friends of Mt Tam, One Tam	1
Given the high percentage of bicycle users I think the trail access needs to be reconsidered. There are many ways to allow cyclists on certain single track trails with conflict, bikes on certain days, one direction only, etc.	1
Given the high number of cyclists on Mt Tam I am surprised that this survey doesn't distinguish between road and mountain biking. As both use distinctly different terrain (roads vs trails). For example visiting Mt Tam on foot has 3 categories: hiking, running and dog walking. Makes me wonder if the survey has an apparent blind spot to start with and bikers are not a priority.	1
given my age, I'm interested in E-Bike access	1
Give mountain bikers more places to ride so there are less hiker/biker issues.	1
Get the folks at Samuel P Taylor park to allow at least one connecting dirt trail to be dog friendly.	1
Get some hand held radar guns, train rangers to use them, and issue tickets to speeding bicycles until they get the message that speeding is unacceptable on MMWD land. A speed limit is meaningless unless it is enforceable. There should be no e-bikes unless speed limits are enforceable. I did not answer your question about feeling safe because it is not a yes or no question. Generally I feel safe, but not on high traffic bike fire roads like Lake Lagunitas. Having done the Audubon Christmas Bird Count at Lake Lagunitas since the '70s, I was distressed that birds - especially ones that like brush on the ground like wrens - were missing last December. I would like to see careful monitoring of the effects of the drastic fire clearing on bird life.	1
Generally, we love having Mt. Tam in our backyard and would like to see it continued to be responsibly managed. Fire abatement, ease of accessibility (to all), maintenance of trails, more events at the amphitheater.	1
Generally well-maintained, but the limited mountain biking access is a solvable problem. The District is not inline with the latest on multi-use trail management and resembles an approach from 40 years ago. The optics of allowing horses and not bike on trails for the sake of trail and habitat management is laughable and elitist. Time for the Board to evolve!	1
Generally mt tam watershed is a fantastic rec area. those of us that live close by are so fortunate to have such an accessible and well cared for trail system and park. thank you sooooo much for everything you do mmwd	1
Fortunately for those of us who grew up here there are still places where we can avoid the crowds. I am not in favor of the management strategies above other than ticketing the cars that park unsafely along the road. I would also be in favor of more staff monitoring the use of off-limits trails by bikers and to give them a ticket. The only way to stop bad behavior is with a penalty. If a reservation system is imposed, I would not be able to spontaneously hike on Mt Tam and that would be a huge loss for me. I would like to see more trails that are hiking only. The idea of a multi-use trail only works for those moving the most quickly, i.e. the bikers. I know that they have a strong lobby, stronger than the hikers but please lets preserve some of the sanctitude of nature.	1

Forcing cyclists to use car routes and/or ride over the mountain when there are functional routes around it, is illogical, unfair, and unbalanced	1
For the above trail management strategies: the drag and drop would not work. I rank "Create multi-use trail connections to separate visitors in high use areas" as number one. I put social trail closures LOW on the list, as the social trails currently exist due to the lack of proper usable trails. There wouldn't be social trails You do not have a dedicated trail crew out working on the trails. Instead you spend the bulk of your money on law enforcement driving around looking for dogs off leash and bikes on single track. Big Deal! Put the money into the infrastructure! Another thing is that you rely on your local fire agencies to come in and extricate injured watershed visitors. Why can't your staff do it? One trail incident takes an entire engine company (or two!) and an ambulance out of service for hours at a time. Take those rangers and sheriff that you have wandering around doing nothing but ticket and train them to take care of these incidents themselves. What are they there for?	1
For me the most important thing is that the vision/roadmap/plan be inclusive of everyone's needs. As an avid and pragmatic bike rider I would like to see the prioritization of the trails and opening up for more -- especially in more remote, hard to reach by foot areas. as I mentioned above, there are many common sense examples that exist in communities similar to ours. The mountain bike community is here and understands the issues and very very much wants to come together to solve and make meaningful financial contributions to help ease the financial burden to the watershed. EVERYONE should be able to recreate in our beautiful watershed and a plan that is reasonable for all will be welcomed.	1
for goodness sakes, make it a priority to create trails for all user groups. its done all over the world. certainly in the birthplace of the mountain bike we shouldnt be known as the NO bikes area. Mnt tam is amazing. I have climbed it 7076 times as of today. id love to see the mentality changed around cycling in general. marin has made some great changes in the past decade. connectors, etc...please change the mentality that singletrack is illegal to bikes. this has got to change.	1
First, I appreciate the opportunity to weigh in as an avid participant in the treasures of Mt Tam. It seems from my experience, on the trails 4-6 x per week, that the distribution of people is exactly what you'd expect - more people near major trailheads and very few as distance grows. As a local rate and tax payer I find it frustrating that the trails seem still arbitrarily governed regardless of trail type or location, to favor pedestrians (and often equestrians) at the expense of cyclists. Cyclists make up a significantly higher proportion of the local population now than in the past, and the rules of the past should be modified to reflect the user base. Plenty of other communities have found compelling ways to continue progressive, but respectful, use of their communal land. In our case I think more bicycle access on trails further from major trailheads would be a massive improvement for the place where mountain biking was created and to which visitors flock.	1
Fire roads are problematic from an erosion and trail interaction standpoint, improved narrow trail access for bikes will reduce conflict and lower risk for all trail users	1
Fire is major concern. The Marin watershed seems to be doing some fuel reduction, but not observed in State Park or GGNR portions.	1
Finding ways to enable access for all use groups will promote better relations.	1
Figure out a way to allow mountain bikes on more trails than fire roads. Try it with a 1 or 2 trails as a trial run.	1
Explore the possibility of building bike only single track trails further away from the more congested areas where typical day users of Mt. Tam don't usually venture.	1
Expanded Bike Access to trails in the watershed!	1
Expand access for regular mountain bikes	1
Even though the watershed is our source of drinking water, there is still capacity to significantly increase recreation opportunities without impacting that water source. there is lots of room in underused areas to relieve pressure in the congested areas closer to higher residential densities. Regarding the building of new trails, and the redesignation of some existing trails: the amount needed now will seem like too much, too fast to many but the reason for that is long period of stagnation in trail development over the last several decades.	1

Establish a bike patrol similar to national ski patrol. The National Ski Patrol already has bike patrol programs in other parts of the country. With increased E bike users that don't have the health or skill to be deep into my trail we are going to have increased problems. There are many volunteer ski patrolers already living in Marin who are Mtn bikers as well. This system could support larger access to dedicated trails single track or portions of the mountain and could provide high value to all users of any type. Horses have a hugely disproportionate access based on number of users, this likely could be adjusted to create more equitable access.	1
Equitize use of trails to allow for Marin's decades-old biking community to participate equally and co-exist peacefully with hikers.	1
Equal access for cyclists, hikers and equestrians is a critical issue going forward. The current situation seems to put cyclists at the bottom of the list - access to more trails would be appreciated.	1
Equal access for cyclists and hikers would be nice.. We both pay equal taxes.	1
Equal access for all users. The mountain is for everyone use. Be thoughtful and create use areas, trails, times, directional use for all users.	1
Entry into the water but visitors should be allowed via a paid swimming pass. The passes could be available through lottery system, and include a waiver of liability.	1
Enforcement of existing rules and regulations, and/or physical barriers to deter illegal biking. Enforcement of leash laws.	1
Encourage trail safety always	1
Encourage participants to engage the process in good faith and be open to compromise. Recognize and celebrate Mount Tam as the birthplace of mountain biking and create a plan that has a toolbox of options for enhancing the trail experiences for this growing and mature user group. Conflict usually occurs in areas of high density with a mix of uses. With 22,000 acres and hundreds of miles of roads and trails, we can strategically distribute visitors more broadly, bringing relief to congested areas. Excited to be a part of this important effort!	1
Enabling responsible mountain biking and giving mountain bikers more options will help keep mountain bikers and hikers and equestrians all able to use the trails with less interference between the various users of Mt. Tam	1
Emtb allows older people like me the ability to ride and enjoy mount tam. It also allows couples to ride where as the weaker rider could not go at all. Safe speeds for passing people should be established for all riders.	1
Empower mountain bikers to build amazing trails for everyone. Mountain bikers LOVE to build trails. They will build great amazing sustainable trails for everyone!	1
emphasis should be on sharing trails with all trail users and not segregation. not sure reducing / limiting parking lots is the way as I see a lot of visitors parking all over the place when lots are full. More enforcement is necessary of parking violations	1
Embrace the idea that recreation can lead to preservation. Share the mountain with all users and spread the joy. Stop singling out mountain bikers as offenders. Educate hikers about trail etiquette. Fine dog owners who leave their poop on trails. Maintain and build better trails, for all users.	1
Embrace and organize more recreation use on the watershed - with more inclusion and do so more quickly. Think bigger. The Tam watershed is situated within a very populated growing major metro area and (like it or not) is the backyard playground for more and more people every year. Build a lot more trails for every type of use, organize and enforce their use. Vegetation management for fire protection seems lacking. Can trail creation go hand in hand with this? Embolden the users by tailoring to the many activities. Like housing, we're not keeping up with the demands and it's only going to get more intense. Thank you.	1
Electric bikers shouldn't be allowed until regular bikes adhere to rules.	1
Electric and mountain bikes do not belong in this park. They are destructive and dangerous for hikers.	1
Educate bicyclists and joggers that horses are unpredictable. Please stop and give way.	1

Educate "newer" visitors to the mountain to pickup their litter and leave their audio devices at home. The level of anti-social behavior has increased many fold since the pandemic.	1
Ebikes should def be allowed on fire roads and anywhere mountain bikes are permitted, to accommodate older ppl who can't ride mt bikes any more. Kayaks should be allowed in th lakes. That would be amazing.	1
E-bikes are regularly going too fast and are rude, likely to go off trail. Add noise. Frighten horses. Thank you	1
eBikes are motorized vehicles. Not appropriate.	1
ebikes are motorize, thus travel very fast on the trails	1
Ebikes are dangerous to both the watershed and other trail users. Ebikes travel at uphill speeds similar to mountain bike downhill speeds. The speed profile is not the same. Chance of collision and startling horses is much higher. Plus batteries can explode, causing injury and possible wildfire. Batteries are toxic to the watershed. Use of ebikes is not consistent with the enjoyment of nature by other trail users. Ebikes are not an accessibility device, any argument to the contrary is a ruse for perfectly abled people to otherwise use ebikes on trails. Hiking, or all-terrain, wheelchairs exist, and are already allowed per federal law. An ebike has two wheels, an accessible device is designed with more points of contact for stability. Every day I see more and more ebikes on the trails, including what appear to be commuters. This is not the intended use of the watershed trail system.	1
E-bikes - not Watershed. They have to get off multi-use paths as they all go too fast. Time for them to be on the street Thanks	1
E-bike use must be limited to Class 1. Never allow Class 2 or 3	1
E bikes should be allowed as long as riders are educated on how to safely operate them	1
E Bikes present a danger to hikers, dogs and wildlife. They can and do go too fast for hikers, dogs and wildlife to react. They substantially alter the nature of a semi-wilderness area and should not be allowed at all on the Mt. Tam trail systems.	1
drag and drop on trail management strategies does not work on tablet.	1
Drag and drop doesn't work on mobile Directional trails Reservation parking system	1
don't spend money on fancy signs. instead spend money on clearing dead wood. bring in goats.	1
Don't regulate e-bikes.	1
Don't blindly target social trails for closure. Often they emerge to fulfill an unmet need and can be brought in to the system with minor effort, effort that volunteers, especially in the mountain bike community, would be more than willing to support. It's been rewarding to bring my kids to volunteer on the watershed, mostly broom pulling and it would be great to have more opportunities to help, lots of companies in the Bay Area support employees spending time to contribute to their communities as well and this is yet another resource to seek in order to help establish and maintain the recreation opportunities, conservation goals and overall sustainability of the mountain for all to enjoy.	1
Don't restrict anything unless it's absolutely necessary for safety. We don't need a bunch of rules made up by fanatics if any sort. Let us be free.	1
Don't like any of the strategies above. I think there are rogue bikers and rogue hikers- continue communicating to all about their responsibilities would help. Ps- horse riders are the best!	1
Don't cut of access for Ebikes just to appease equestrian use. Very few people can even afford to own a horse and if they can they are in a social class not afforded to the majority of the public who most likely needs to have access to nature trails due to not being able to have their own yards/ living in close quarter urban environments.	1
dogs off whole mountain	1
Do NOT want one direction trails!	1
Do not restrict Ebikes. I'm old and could not enjoy my tam without an Ebike	1

Do not eliminate E bikes.	1
Do NOT continue to promote the Mt. Tam Watershed as a recreational resource. It is an environmental resource providing public drinking water. The advertising/marketing to the public of this resource as a 'recreational service' only adds to the amount of work required to maintain the watershed's already compromised vegetation management concerns and needs.	1
DO NOT CLOSE ANY SOCIAL TRAILS. If people build trails because the MMWD won't give us better trails for mountain bikers you should leave these trails in place. Once you took away the trail Knee Cap, then the gloves came off. I teach my kids to ride all the illegal trails because we pay for them with our water bills and taxes. MTB riders are the backbone of our trail users, and we have been riding the whole mountain since the 60's or earlier and will always continue to do so. The best MMWD can do is allow MTB riders on the trails we already ride on a daily basis, build more MTB single track trails, and MAKE HORSES CLEAN UP THEIR POOP!!	1
Do not allow mountain bikes on single track trails. Somehow enforce speed limit on fire trails and roads	1
Do not allow e bikes in areas that are closed to motor vehicles. E bikes have motors, they should not be allowed in areas that are closed to motor vehicles. I found the questions with maps and pointers are very limited, I was unable to express my activities accurately.	1
Directional trails can work. Odd even days are an option. Creating a use permit so that everyone on the trail is a stake holder. Basic courtesy & right of way will go a long way. I think all groups should have access	1
Develop RMP that acknowledges the present day public demand and contemporary technology for more equitable trail access. Visualize the inevitable future of recreation so it can be proactively managed to preserve water quality and diffuse environmental impact.	1
Cyclists on single tracks a no no. absolutely true of e-bikes. True since 1990s, still the same problems today. I tried to come to the workshop today, but traffic at that time from south to north-5:00PM made it undoable and I had to return home.	1
Cyclists have proven themselves to be valuable land/trail stewards. They are willing to support parks financially (use fees/donations). I have attended countless trail maintenance events -sometimes in hiking only areas. Cyclists, bike advocacy orgs, and even bike manufacturers are resources that could greatly benefit Mt Tam when given the opportunity. This has been proven many times, here, statewide & beyond. Families with kids, older riders, and many others enjoy mountain bikes. We love & support Mt Tam and those who work to preserve & maintain it. Most of my friends hike and bike. Some are equestrians. Providing equal options for all to responsibly enjoy Mt Tam is a workable goal. At Marin Museum of Bicycling, I have hosted (non bike) presentations by One Tam, local naturalists, geologists, and 2 events by an MMWD ranger on Mt Tam history. All events were full capacity. We love Mt Tam!	1
Cyclists are the largest user group on the watershed. They also represent a large source of trail construction and maintenance personnel. Increased access would relieve congestion in high traffic areas. There are many tools for land managers to solve access issues like even / odd day access, one way use of existing trails, upgrading width and line of sight on current connector trails. The responsible mountain biking community is here to help the District solve problems. A prime example is the Friends of China Camp program.	1
Cyclists are already the largest trail users. We are your constituents. Let us do for Tam what's been done all over the country. Improved trails and invested users are better for the entire community.	1
Creating trails that are directional only, supporting all users, open additional mountain biking access	1
Creating some multi-use trail connections would benefit the watershed greatly.	1
Creating single track that is dedicated to bikes would be a huge improvement and reduce friction with hikers	1
Create more bike only / bike allowed trails to reduce the amount of different types of trail users on certain trails	1
Create more access for biking on Tam. I'd like to see my measure A funds go to that.	1
Create another catchment area/dam to catch & store water for future use & recreation.	1

Create a plan which represents current user groups. Not who the user groups were 30 years ago. Times have changed and you, as a tax payer/rate payer entity need to change your policies	1
Could not use priority in last question. Not user friendly. What if only wanted one item?	1
Could do the ranking (on mobile). 1 restore informal trails 2 establish directional trails Parking reservation should be a last resort. High use areas will always be high use, expecting visitors to disperse/separate when they have come to see cataract falls for example is a fallacy.	1
Continue to work with the cycling community to bring more young people onto the trails responsibly.	1
Continue to allow e-bikes. It gives more people a chance to enjoy Mt Tam and isn't any bigger problem than a regular bike.	1
Consider opening more trails to bikes - will spread folks out more. But really it all works pretty well from my perspective as a cyclist who is out on the trails just about every weekend.	1
Consider how people want to use the mountain and adopt a dialog that is inclusive and open to change, rather than continuing to maintain an arcane view of the status quo. This can be achieved with taking positive steps toward broader accessibility in a safe manner and reduce the negative interactions with the patrols.	1
Consider adopting odd/even day system for trail access for bikes, as used successfully in other popular areas such as Lake Tahoe.	1
Conservation must be the district's number one priority.	1
Concerned about restrictions placed on ebikers	1
Come at this with the belief that most people are good and will be polite. Making policies to engineer out bad behavior ultimately results in a significantly reduced experience for the high majority of people. Don't make rules based on rule breakers - make rules that make sense.	1
Clunky survey. Hard to navigate on a device. Please improve in the future.	1
Closing unofficial social trails would be horrible, a misuse of resources, and negatively impact the community. We need 10x MORE trails, not less.	1
Closing social trails just creates more illegal trail building. Make them better instead.	1
Closing social trails will cause further congestion on mt. Tam. Opening single track trails to cyclists will disperse trail users along a greater area and slow down bike riders - they will be inclined to ride slow rocky trails vs dangerous high speed gravel roads.	1
Clearly identify trails where multi use, especially biking, is allowed, and enforce restrictions. The only unpleasant encounters have been with bikers using hikers only trails.	1
Class 1 e-bikes have allowed older and physically impaired riders to continue enjoying the trails. Bikes should be able to go anywhere horses are allowed. Bikes do less damage to trails than horses, and the cycling user group is far, far larger than the equestrian user group. The mountain biking community is ready to contribute to trail maintenance to support the water districts needs. Historically, mountain bikers have worked side-by-side with Open Space and other groups over many years and have both the knowledge and the ability to help create and maintain trails while lessening the financial burden and man-hours needed for such projects.	1
Cataract trail head needs reservation plan, to limit cars and destructive overuse of trail, also after first rains the California Newt crossing of Fairfax / Bolinas road should be monitored, the amount of fatalities due to weekend vehicular traffic is staggering, one day while riding I counted 120 dead.	1
Can't drag and drop trail management strategies via iPhone survey response. 1 multi use trails 2 directional trails 3 social trail closures 4 parking reservation	1
Can we please join the 21st century with regard to bike access? Construction of just a few bike-only trails would eliminate most or all of the problems that other users perceive around sharing the trails with bikes. Something similar to 680/Bills Trail that connects FFX to Mill Valley over the summit would be an absolute game changer.	1



Can we have one place to swim, please :)	1
Build a MTB park in one less trafficked zone of the park that will satisfy a lot of the riders wants and needs from the Mt Tam region. You can easily charge for day use to help fund other projects in the watershed. Something like Tamarancho but better!!	1
Build (a lot) more bike trails. Plenty of local support for it, so fundraising and volunteer labor will be easy.	1
Biking on Mt. Tam is the reason I live here but that doesn't mean it doesn't need improvement. As a Vermonter originally, I was spoiled with easy access to many miles of singletrack specifically designed for mountain biking. Some of my favorite places to ride were on small tracks of land and maintained by volunteers. It's not very difficult to build great trails for bikers that would take traffic away from common hiking trails, it just needs a bit of organization.	1
Biking has become a mainstream sport but it seems to be governed as though it's a sport for outliers only without any significant progress in decades.	1
Biking as a sport is only going to grow. We can't operate Mt Tam like we have done for the past 30 years. There are use cases ALL over the country where trails embrace a multitude of activities including Mtn bikes. It's time Mt Tam embraces progression. The younger age groups bike - it's very simple. We can't let the older user groups run the show anymore. Conflict can be resolved but if we continue to manage Mt Tam like we've done for the past 30 years, it helps no one. Please be more inclusive!!	1
Bikes need our own trails, not just fire roads. If you keep trying to push us on fire roads they will continue to be illegal trails and conflicts with the equestrians	1
Bikes make it unsafe for hikers and no ranger to enforce the law. the whole park is congested on the weekends. stop destroying the watershed- removing living trees, removing vital undergrowth destroys the forest.	1
Bikes have been under served on narrow trails for decades. New trails or different trail management strategies can be employed to provide improved trail experiences for all types of trail users. The continued lack of legal access leads to increased social trails often constructed in unsustainable ways. Construction of sustainable trails that meet the biking, hiking, and equestrian desired trail experiences will reduce negative environmental impact. Bike prohibition is not resulting in environmental protection of desired trail experiences for hikers or equestrians.	1
Bikes destroy the trails and exacerbate erosion. Pedestrians need to flee for their lives and get out of the trail because bikes think they have the right of way and they will run you over.	1
Bikes cause erosion far far faster than hikes	1
Bikers, hikers, dog walkers, etc- Most people get along well together on the trails. . Too bad that the media focuses mostly on the few disagreements that occur each year.	1
Bikers won't go away it's better to work with them and even use them to mmwd benefit then spend countless dollars trying to keep them down.	1
Bikers will maintain their own trails if you give them access to do so. There are so many other places to look at for inspiration...	1
Bikers often use trails that are not for bikes and it's very scary when a bike rips past you at high speed, especially when there is loose dirt on the trail and braking would be impossible.	1
Bikers need to know to slow down in high use areas. Please don't allow e-bikes, which would add higher speed and more chaos.	1
Bikers aren't stopping riding tight single track trails but it is dangerous for both hikers and bikers. If there was dedicated biking downhill trails then everyone would be happy and safe.	1
Bikers are deserving of the same consideration as hikers. We love the trails and the views just the same. Keep it open for us please!	1
Bikers and hikers can coexist without need to restrict bikes on trails	1
Bike use! Would be in favor of trails that are designed for multiuse which allows hikers and bikers. However not in favor of bikers using single-track trails that were designed for hikers only.	1

Bike license plates so they can be photographed when on trails they are not allowed	1
Bicyclists make up around half of all visitors I encounter in the watershed, yet the restriction to fire roads creates unnecessary congestion that isn't safe for hikers, equestrians, and cyclists alike. Crowding bicyclists on forest roads crams around half of all visitors in congested areas into the same area, despite the existence of more narrow trails. Allowing bicycle access on narrow trails, with proper environmental considerations, creates a safer watershed and significantly reduces congestion.	1
Bicycles are out of control on every part of the Watershed and there is ZERO enforcement of the regulations. Charge bike riders for using the watershed, they do more damage than hikers and pay nothing for maintenance. Enforcement of dogs off leash.	1
Bicycle night riding should no longer be prohibited.	1
Better signage for educational purposes. People have no idea the damage wading in creeks, picking wildflowers and mushrooms, leaving dog poop and dog poop bags, leaving trash. Establish high school ranger program to nicely educate the public. Have a way of allowing overnight visits.	1
Better mtn bike access!	1
Better mapping to lead cyclists (myself included) to more distant areas they may not be aware of.	1
Better cell phone coverage	1
best time on the mountain is day break. Very few people in Marin get up early so the watershed is your own private park. Just you and the wild life.	1
Beautiful job clearing out the brush!	1
be nicer to bikes!	1
Be more supportive of off road cyclists in Marin, it's sad that we need to risk getting expensive tickets so rich people can have excessive amounts of hiking only trails.	1
Be more open to Mt. Biking	1
Ban hiking. People on foot can easily step off the trail, form social trails, and I have found about three illegal pot farms in this way, including the real one featured in the film, "The Money Tree," from one shot in the movie. People on bicycles stay on trails, cannot go off-trail due to hidden rocks, roots, etc. A bicycle is worse than ballast off-trail. A person on a bicycle cannot leave the trail, do stealth camping (I have found several sites), light fires, or engage in illegal activities. There are thousands of acres of hiding places for people on foot. BAN HIKING.	1
Ban e-bikes . restrict any bikes with horses- too dangerous. add more horse and hiking only trails.	1
ban ebikes	1
ban cars? all joking aside - create better shoulders on all roads on mt tam. some sketchy stuff all around.	1
At times, large groups, such as school athletic teams, commercial youth activities (e.g., bike camps) and semi-organized races or events lead to overcrowding. It would be helpful to regulate these uses. Enforcement of posted and well known infractions (e.g., bicycles poaching single track) seems to be at a low point and people seem to do it with impunity. I understand that this is an old and difficult problem. And that enforcement is costly and not necessarily the best use of resources. But regulations without enforcement sends a bad message, IMO.	1
As the birthplace of Mt. Biking I feel strongly that Mt. Tam Watershed should celebrate it's Mt. Biking roots. A system or a time of day when certain single track trails could be accessed would be greatly appreciated.	1
As the birthplace of mountain biking, the level of restrictions placed upon bicycling on Mt. Tam and the surrounding area is surprising and disappointing. Currently, land managers are missing opportunities for partnering with local trail access groups like MCBC to expand and create new and equitable ways for people to recreate sustainably, in harmony with one another and the natural environment.	1
As said above, we have 80+ year olds among our bikers. They need battery-assist bikes to enjoy Mt Tam.	1

<p>As mentioned above, the exclusion of mountain bikers from single track on Mt Tam is wrong on many levels. Mountain bikers are a large (voting and tax paying!) user group on the mountain. Mountain bikers have demonstrated that every time there is work to be done on trails, they'll show up in force to do such work, and in a greater proportion than they are as a user group. Mountain bikers are a large, economic force in the communities where the trail heads are (ask the restaurants and bars in Fairfax and Mill Valley). Lastly, mountain bikers are not going away. We are not only a very large user group, we are growing. Again, to be excluded from good single track is just plain wrong. There are too many other areas outside of Marin where hikers, equestrians, and mountain bikers co-exist in peace. Look to these areas for examples of how best to do things. MMWD needs to get to work for much better inclusion of mountain bikers.</p>	<p>1</p>
<p>As I have been on this Mountain for a good deal of my life ( I'm 67 ) change has been the constant. As little as the terrain has changed, peoples' attitudes have drastically. I have been on a bike up on the mountain since the 70's. So, while things seem to getting better there are still the die hard advocates for telling me where to go. Thankfully, this part of the population seems to be dying off.</p>	<p>1</p>
<p>As I dip into my older years, my hope wanes to see any tangible change in trail access on the Mt. Tam watershed during my lifetime. But I hope for the sake of my children, nieces, and nephews, that a more holistic approach is considered and the outright prodigious and blatant discrimination of cyclists finally comes to an end. That's well worth continuing to fight for, and will continue that effort for my lifetime.</p>	<p>1</p>
<p>As an avid Mountain biker, and part of a large Marin MTB community, it's frustrating that most single track is illegal. This often forces some trail users to poach trails in order to connect various rides, making criminals out of them, and furthering a perception of "lawlessness" among the hiking contingent. Considering that Marin county is the birthplace of Mountain Biking, its really a missed opportunity, and some would even say tragedy. Everyone can get along and share the trails. It's not that hard.</p>	<p>1</p>
<p>As above I have not noticed a need for directional trails for hikers. It is not overcrowded. I would OPPOSE a parking reservation system. Parking lots are not that crowded and it would push more cars to PanToll or Botjack which are state park lots but access water district lands By the way I love Social Trails. Some of them are very scenic and useful. I do not like any of the above options.</p>	<p>1</p>
<p>As a mountain biker, property tax payer, and local business owner, I feel that the Watershed needs to provide trail access that is consistent with the usership of the park. The use plan needs to be inclusive of all user groups including mountain bikes. Most mountain bikers do not enjoy descending fire roads so providing alternate routes down the mountain would be safer, de-congest the roads and provide a more enjoyable experience in the Watershed. The mountain bike community should be seen as a great resource. We are numerous and highly motivated and eager to do our part to maintain trails. The mountain bike community is eager to find common ground with all the other user groups. Given the disparity in numbers of users, it makes no sense for equestrians to have access to trails that bikes do not. What made sense in the days before MTB's were invented no longer does. The Watershed use plan needs to look at how the park is being used and how it will be used in the future.</p>	<p>1</p>
<p>As a mountain biker, I would like to see more trails for bike use. We are a large percentage of the user base in the watershed and we are under-represented. The MTB community is also a large/skilled resource for both building and maintaining trails. I lead trail crews doing maintenance at the Tamarancho Boy Scout Trails over the winter. Lots of high school kids come out for those volunteer days. What better way to educate kids and have them take ownership and pride for a trail or trail system than having them actually work on the trail and get their hands dirty? Those kids are the future trail users in the watershed.</p>	<p>1</p>
<p>As a mountain biker and hiker I'm dedicated to volunteering to help expand and maintain the watershed trail network.</p>	<p>1</p>
<p>As a hiker I appreciate that there are hiker only trails - bike riders are fine (mostly) but it's nice to have options where everyone is using the same mode of transport. Dogs have been fine - and most people obey the "on leash" rule. Phoenix Lake parking is the biggest/only congestion problem I have witnessed and for that reason I generally avoid. Deer Park is wonderful and I especially love that there is a school there and the picnic tables near the parking area - it gives it a community feel with lots of different ages/abilities enjoying the watershed. For me that is the critical component for any future planning.</p>	<p>1</p>
<p>As a father, husband, dog owner and mountain biker, the limited access for mountain bikes on Mt Tam is the cause of significant tension. The limited/no legal access for mountain bikes on singletrack trails is not reflective of the needs and interests of the majority of trail users. The No bikes restrictions are outdated, unprecedented compared to other trails nationwide, and due for an overhaul.</p>	<p>1</p>

As a cyclist, I am quite disappointed with how cyclist are treated on the mountain. Being yelled at, receiving rude comments from other users, and in general not feeling like I belong on the mountain are regular experiences. Unfortunately, my home is the only place I feel this way while biking. Quite frankly, the situation is embarrassing and could be so much better for all. Good luck	1
As a 60 year old, ebikes have given me the chance to ride distance again. I never expected to be able to ride like I did in my 30's. I am so happy to have a second life in my biking regime.	1
Are you giving preference to bikers (high energy) and giving up to their pressure because we hikers (less speed; more meditative and quiet; or more conversational) are not organizing to make our point known through the media about different level of needs?	1
Appreciate your efforts at biodiversity enhancement.	1
Appreciate improved signage	1
Although I hike, run and dog walk in the district, I also mountain bike and have for over 40 years. Given the ever expanding size of the mountain bike user group MMWD needs to consider a more inclusive plan that expands access to single track trails. This inherently keeps speeds down and is the experience mountain bikers seek. I am not suggesting this adaptation at crowded entrance points such as Natalie Green or Deer Park. The farther from these trailheads the more single track access should be allowed. You can't continue to ignore this user group. Enforcement is not the answer. Look what Marin Open Space has accomplished WITHOUT conflict or trail degradation. Consider even/odd mountain bike access as has successfully been done in Tahoe. Also consider directional trails as GGNRA has done successfully (Green Gulch). Heinous Fire road climbs like Rock Springs are not user friendly for mountain bike climbing and lead to high speed descending. Look what GGNRA has done with Diaz Ridge.	1
Alternate day sharing or time sharing on existing trails for bikes should be considered. Change of use, on key safety connectors like Easy Grade, to allow bikes. Create some bike only trails if the hikers don't want to share. Bikers don't mind sharing.	1
Allowing motorized bikes on Mt Tam is a slippery slope permitting heavier and more powerful machines on the mountain ruining the experience and endangering others. Mt bikers should be separated from walkers.	1
Allowing more bike access will help make the watershed more accessible for all user groups. Personally I am not an ebiker but under the same premise allowing some ebike access will make the watershed more accessible for all user types.	1
Allow trail access for bikes, create new multi-use trails open for all user groups	1
Allow tax payers to ride bikes on the land they fund	1
Allow MTB community to build MTB only trails. This land was "given" to the community for "all to use" but hikers and Sierra club have forced MTB riders off of virtually every trail. It's embarrassing	1
Allow mountain bikes on single-track trails at some time. Odd/ even days or certain days. There are miles of trails we should be able to use them.	1
Allow mountain bikes on single track!!	1
Allow more mountain bike trail building	1
Allow for kayaking	1
Allow everyone on the trails. More people outdoors is better for everyone's soul.	1
Allow cyclists on all trails.	1
Allow creation of bike specific single track to avoid hiker conflict or create an every other trail use system similar to other areas in California like the Tahoe rim trail	1
Allow class 1 pedal assist ebikes on trails, even if it's not all trails. Otherwise I love it here.	1
Allow bikes to use trails just like China Camp	1

Allow bikes on smaller trails. Directional is a good idea and at Lake Tahoe, there are odd and even days for different user groups.	1
Allow bikes on single track or make trail specific to biking	1
Allow bikes on more trails. Allow bikes to be walked on other trails.	1
Allow bikes on more trails at tam! Allowing horses but not bikes seems ridiculous - horses are incredibly expensive and leave a huge mess. Bikes are very accessible and don't leave a mess.	1
Allow bikes on more singletrack. There is so much out there and nearly all of it is illegal.	1
Allow bicycles access as other states do.	1
Allow all class ebikes! Not just class 1, the throttle on class 2 doesn't make it a moped or go any faster than class 1. Get with the times! Ebikes are here to stay, don't resist progress! Allow ALL kinds of bikes on certain trails, not just fire roads. Allow hiking in after sunset. It's a shame that nature closes at sunset. Close parking lots and allow walk ins! Allow star gazing!	1
allow all bikes on all trails. yes, we will have to change but your average visitor desperately wants this. please listen to your constituency. thank you so much!!!	1
alleviate some of the negative interactions or concerns around bikers and hikers by giving bikers more space. At least some things can/should be bike-first. Hikers can go anywhere and bikers can't. Bike lanes on streets is a good analogy. They don't build bike lanes on sidewalks. They build space FOR bikers. give the bikers some space, the hikers have theirs.	1
all the rotten wood at the storage area, it just keeps growing. wooden bridge near meadow club should have a sign no horses. it rotted in areas or replace it	1
All of the management strategies stated sound pretty terrible and poorly thought out. I was unable to prioritize. A different kind of thinking is needed.	1
Again, the current bike policies and parking fees are unnecessarily restrictive. You are limiting the number and types of people who can access public land. This disproportionately effects people of color and people who do not have a high income. We should be encouraging ALL people to use these public lands. When people use public land, they care about these public land. When people care about public land, they act responsibly, as stewards of the land. This has been proven time after time in different areas across the country. The mmwd has an outdated view of mountain bikers in particular. The mtb community has proven itself to be excellent stewards of land and responsible trails users. Help us help you preserve the natural resources of Marin county.	1
Again, please focus on providing more access and not limiting it. Create trails in congested areas as necessary ( I personally do not see this as a huge issue) but more important open up more trails to mtn bikes and/or build new trails that are multi-purpose or purpose built for mtn bikes.	1
Again, please do not takeaway EBIKES from Mt Tam. It is NOT a motorized vehicle. It is pedal assisted, and I must put in the work to make it go. It has allowed me to enjoy way more real estate of MT Tam than I could ever do before. My average ride now is 20 miles with my buddies. WE LOVE IT and we respect walkers, and horse people. We do not speed. In fact you can speed just as easily on a non-ebike as an ebike. Please use common sense, and do not take away a real joy that I have for the mountain.	1
Additional signage for packing out all the trash created by a visitor. In doing litter abatement I have come across quite a few pet poop bags that are left by the side of roads and trails.	1
Adding bike only single track would serve biking community better.	1
add more multi use single track trails for mountain biking.	1
Access to more mountain bike trails are recommended.	1
Access for All	1
Absolutely love the Mt. Tam Watershed! :-)	1

<p>Above drag and drop did not work for me. Don't understand what you mean by: create multi-use trail connections to separate visitors in high use areas. Also am not fond of a reservation system. The ones who are the most savvy with internet use and the fastest get the reservations. Spontaneity is eliminated.</p>	<p>1</p>
<p>Above all, carefully consider current use patterns. My experience indicates that for a long time, mountain bikers, and now electric mountain bike riders have accounted for a huge percentage of users on Mt. Tam. Yet there are almost no single track trails that are open to them. We want everyone to enjoy our magnificent open spaces. Mountain bikers and eMTB bikers will provide significant contributions to the trail community. We can help build and maintain trails, thereby decreasing the financial burdens on the district. Please consider the actual number of conflicts and incidents on the mountain, and do not give anti bike forces an undue influence in your decision process. The points made by anti-eMTB people, are the same as anti bike people made in the 80's, which have been discredited. Please realize that electric mountain bikes are just that: bikes. They have essentially the same impact as traditional mountain bikes, and are nothing like motorcycles or other motorized uses.</p>	<p>1</p>
<p>A shuttle service similar to the Muir Woods service would likely relieve parking congestion at the top (East Peak), &amp; just below there.</p>	<p>1</p>
<p>A select few hikers who are vocal are ruining Mt Tam and all her beauty, by restricting biking access. It's a shame...Marin and Mt Tam deserves better.</p>	<p>1</p>
<p>a ranger threatened our highschool mountain bike team saying that it was up to him if we got to ride in the watershed</p>	<p>1</p>
<p>A lot of this survey seems to be constructed around congestion. I bike often in the Mt Tam Watershed and this is almost never an issue, especially when you get only a short distance from the trail/road. It would seem that a much smarter strategy would be limiting parking and car access into the watershed.</p>	<p>1</p>
<p>A free/cheap shuttle van from Fairfax or the San Rafael transit hub could alleviate car traffic and allow people who don't own cars, who have bikes but can't make it up the hill, or who want to take public transit, access to the lakes.</p>	<p>1</p>
<p>A fabulous resource, a place of extreme beauty, nature and variety that I have used extensively for decades. Happy that I am able to continue to do so on my ebike despite my 70 yo knee being recently replaced. It is wonderful to be able to continue to ride with all my (like me) old, weak and infirm friends, who all have ebikes. I am also very happy to see MMWD building multi-use trails.</p>	<p>1</p>
<p>A beautiful public resource. Encouraging respect for the Park and all of its users, without prejudice, should be an imperative. Drinking water availability is an issue. Water service needs to be maintained and locations of such same should be readily available, over the internet.</p>	<p>1</p>
<p>A beautiful area, and appreciate the access. Although I'm 63, I, and my same-age group riding partners, are not e-Bikers. I have mixed feelings about them. Eventually, however, e-Bikes may allow me to continue to enjoy cycling on the Watershed. Perhaps an E-bike permit system - if that requires education prior to the permit issue. Such as, ensuring trail etiquette knowledge (e.g., pedestrians, equestrians, uphill cyclists always have right-of-way, calling out and passing ONLY on the left, etc.)</p>	<p>1</p>
<p>95% of different types of users get along great on the mountain, don't let a small but vocal group of complainers dominate the decision making. Also really need to encourage local school kids to get off screens on bikes by letting them bike on trails in the watershed.</p>	<p>1</p>
<p>30 years ago I rode (poached) whatever single track I wanted in the watershed and adjacent properties. I have ridden many of the mtb mecca locations and riding on Tam is as good as any of them. My thought at the time was it's better that the trails are closed to bikes because there are so many users living in close proximity and trails will get over used; I was willing to risk a ticket to ride some of the best mtb right out my door. But Tamarancho, China Camp and Anandell have taught us that those impacts can be managed/ mitigated. I would like to see some single track trails (with out lots of "multi-use" redesign/ widening) open to permitted bike use. It would be awesome to be able to plan a 20+ mile Tam ride; climb the fire roads and get half the ride descending single track. Regards.</p>	<p>1</p>

1) Regarding the boxes higher up for e-bikes with permit: I support this, but I think anybody should be able to get a permit (at least for local residents), paid or not. I am fine that it would cost, but I don't think that e.g. a doctor's note should be needed to get a permit. 2) Repeating my comment from above: I'd like to see a better distribution of trail access for people on bikes. Conflict can be reduced through separation of use, which can be achieved through time allocation (bikes on even days, no bikes on odd days), directional trails and physical separation on parallel trails. Through collaboration we can coexist and protect the watershed for future generations. Thank you for your work on this - we all appreciate it, and I really look forward to (and hope) being able to enjoy more trails in the Watershed in the future!

"Please rank the following trail management strategies based on your likelihood to support the strategy" survey is not functional It doesn't matter because none of those solutions matter to me. The watershed has been anti bicycle for years and this needs to change. I would happily purchase an annual trail pass.

\*\*I could not reset the priorities above on the page, my rating is: 2 "Create...", 1 "Prioritize"... 4 "Establish directional...", 3 "Establish a..."\*\* There is an opportunity to do great things while conserving and managing this precious, at-risk land. The people that want to see greater access for bikes along with thoughtful, safe trail design in the watershed are 1) some of the best, untapped stewards of the land and water resources in Marin, and 2) should be brought in to help with the work! We're a big community with a lot of experience, and resources, and we're ready to help.

"Allowing" e-bikes for ADA use only is mega-fail because it invites pernicious discrimination against people with disabilities; enforcement won't work--you have to have some sort of mechanism to catch someone on an e-bike, and that's pure hypocrisy; you should just plain allow e-bikes. The survey speaks to visitor enjoyment, but you have board members like Jack Gibson who don't think people should be walking on the Watershed. There are too many questions which direct the kind of answers you want to get--the survey is way too close-minded. There's a section on e-bikes, but not horses, which are allowed on tight trails (or so I've heard)--if they drop a load, that trail is closed. The committee started in late 2019 to evaluate e-bikes was fed biased information; that was a travesty. There was a majority of members FOR e-bikes, but staff refused to take the input of the 6 in support. That raises the question: is this survey a waste of time?

Thank you for your work. We love Marin because we love the open space and watershed trails it's why we live here and hope it stays like this beautiful recreation mecca but the impact of so many people out on the trails has made it feel more impacted and busy. Oh and I feel like more people are poaching single track on mountain bikes....maybe because they can get to more places on the e bikes but they are impacting some of the trails. It would be nice to see this controlled better. Thank you!

Limiting social trails pushes the locals to drive to the parks... this is a bad idea. These are established trails, viable connectors and grandfathered routes that should not be eliminated.

I hope for more opportunities to contribute as a volunteer for trail building/maintenance, non-native plant eradication, & outdoors community development. Thank you!

As I mentioned earlier I've seen trails in facilities on the watershed deteriorate over the past 10 to 20 years and there seems to be less rangers to take care of the mountain. It seems like district doesn't care about these things anymore.

A plan built on guiding principles such as: Safety: Enable all trail users to access the trails without undue risk of harm. Equity: Every trail user regardless of their race, age, gender, income or recreational preferences is considered equally in the process, and allowed to enjoy watershed trails if they embrace these core principles. Sustainability: Trail use policy should be data based and support environmental preservation and social sustainability. Recognize and celebrate Mount Tam as the birthplace of mountain biking and create a plan that has a toolbox of options for enhancing the trail experiences for this growing and mature user group. Leverage the bicycle community to help with outreach, education and stewardship on the watershed. Mountain bikers want to help and be involved. Thank you!



Many organizations can carry these conservation efforts too far with diminishing returns. You will always have competing interests when you have multiple parties involved in the use of land and resources. I believe mountain bikers have gotten a bad deal in many of these negotiations. The perception of mountain bike folks should be of stewardship. They are some of the most active users, participants in maintenance/up keep and would be some of the fiercest opponents to residential/business development encroaching on park lands. Allowing more access for bikes would be beneficial long term for the parks with minimal downside. As an environmental scientist, I believe the impact of bikes on the natural flora/fauna is way overblown by nonprofits who use overbearing environmental regulations as weapons to keep control over these areas as they see fit. Just like the rock climbing community of Yosemite, Mountain bikers are the most devoted people to Mt. Tam and should not be viewed as poachers.

1

I ride bikes with close friends on Tuesday, Thursday and Sunday early mornings. I hike with my wife on Saturday and Monday. We live in San Anselmo on the side of Bald Hill. In all of that time, we have seen the many changes. We used to hike and run the trails and fish at Phoenix Lake, then Mtn. bikes opened up access into the many more beautiful places to be on Tam. Now 50 years later when we hike or ride our e-bikes we see a wide variety of users, young families, it's crowded in the parking lot at Phoenix but once you get away from the lake the Yeti Portrero Meadows Recreational Accessibility to the

1

I believe you should consider limiting the number of visitors on high impact days. I often decide not to go on weekends because I don't want to be with large groups of people. I don't remember ever having a bicyclist give me priority, access and I often have to rush off of the trail to get out of their way. Sad about the lack of respect for others.

1

have lived in Marin for 22 years and bike on the watershed almost everyday. I am a 51 year old mountain biker. The exclusion of the bike community from use of single track is a legacy policy which needs to be revised. Bikes don't do more harm than other user groups (when trails are maintained and accessed according to proper guidelines). For too long ALL mtn bikers have been stereotyped by other user groups as dangerous, young, thrill seeking scofflaws. This is not accurate. We are fathers and mothers and sons and daughters and doctors and lawyers and veterans and plumbers and firemen and teens and septuagenarians. We are Marin county. And we are trail stewards who care deeply about the gift of the outdoors in Marin County. It is time for mtn bikers to take their place with the other user groups that have long been afforded full and complete access to the trails of Tam.

1

A spectacular resource - we need to take care of it.

1

A few more wildlife interpretation panels on the trail - perhaps at trail intersections or high use trails. Those near the rest rooms much appreciated.

1

(the location based questions on the survey kept exiting me out of the survey so I skipped those) I would like to see more information and collaboration regarding the longer history of the area before 1800s.

1

Answered: 1,134 Skipped: 1130

## May 2022 Peak Hourly Bicycle & Pedestrian Trail Volumes (Weekdays & Weekends)

Table C-1: Peak Bicycle Trail Volume, Weekends May 2022

Trail Name	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM
Lagunitas - Rock Spring Rd	24	48	194	605	387	436	339	73	73	48	48	24	0
Bolinas-Fairfax Rd	48	121	315	532	557	266	194	145	73	48	48	48	0
Concrete Pipe Rd	48	97	387	436	508	218	145	145	73	48	48	48	24
Old Railroad Grade	48	121	194	242	169	194	121	97	73	73	48	48	48
Phoenix Lake Rd	73	97	145	169	169	121	97	97	73	73	48	48	24
Dibblee Rd	48	97	121	145	145	121	121	97	73	73	48	48	24
Old Stage Rd	24	24	121	121	145	97	73	73	48	24	48	24	0
Deer Park Rd	48	48	121	97	73	73	73	73	73	73	48	48	24
Shaver Grade	48	48	121	121	121	97	97	73	48	73	73	48	24
Sky Oaks Rd	24	48	73	121	97	73	97	73	48	48	48	48	24
Eldridge Grade	24	73	97	121	121	73	73	73	48	48	48	24	24
Lakeview Rd	0	24	73	73	97	97	48	48	24	24	24	24	0
Lake Lagunitas Rd	0	24	48	97	73	73	48	48	24	24	48	24	0
Lagunitas Dam Rd	0	24	48	97	73	48	48	48	24	48	48	48	0
Indian Rd	0	24	24	73	97	48	48	48	24	24	24	24	0
Mountain Top Tr	24	24	48	97	24	24	24	0	0	0	0	0	0
Lagunitas Picnic Area	0	24	48	97	73	48	48	24	24	48	24	48	0
Bon Tempe Rd	0	24	48	97	73	73	48	24	24	0	24	24	0
Cross Marin Tr	0	24	24	48	73	73	48	48	24	0	24	0	0
Hoo-Koo-E-Koo Rd	0	24	73	73	73	48	48	48	24	48	24	24	0

Table C-2: Peak Bicycle Trail Volume, Weekdays May 2022

Trail Name	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM
Fish Gulch Tr	0	0	0	0	0	0	0	24	0	315	73	24	24
Fish Grade	0	0	0	0	0	0	0	24	48	218	73	24	0
Bolinas-Fairfax Rd	48	48	121	145	169	169	145	73	73	73	48	48	48
Deer Park Rd	0	24	24	73	48	73	73	73	48	169	48	73	48
Lagunitas - Rock Spring Rd	24	48	48	97	97	97	121	97	48	97	169	48	24
Concrete Pipe Rd	48	48	97	145	145	145	121	97	48	73	73	73	48
Eldridge Grade	24	24	48	97	73	73	73	48	73	97	145	73	48
Dibblee Rd	48	48	97	121	97	121	73	97	97	145	121	97	48
Phoenix Lake Rd	48	48	97	145	97	121	73	97	97	145	121	97	48
Sky Oaks Rd	24	48	73	73	121	48	48	73	48	97	145	97	48
Bon Tempe Rd	0	0	24	48	73	48	48	24	48	121	48	48	24
Lakeview Rd	0	0	24	48	73	48	48	48	48	48	121	48	24
Shaver Grade	48	24	48	48	73	73	48	97	73	97	121	73	48
Old Railroad Grade	48	73	73	97	121	48	73	73	73	73	73	97	73
Filter Plant Rd	24	0	24	24	24	24	24	24	48	97	73	48	24
Bull Frog Rd	0	0	24	48	48	48	24	24	73	73	48	48	24
Lake Lagunitas Rd	0	24	24	24	48	48	48	48	48	48	73	48	24
Old Stage Rd	24	24	24	48	73	48	24	48	24	24	24	24	24
Gravity Car Rd	0	24	24	24	73	24	24	0	24	73	24	73	48
Lagunitas Dam Rd	0	24	48	48	48	48	48	48	48	48	73	48	24

Table C-3: Peak Pedestrian Trail Volume, Weekends May 2022

Trail Name	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM
Bolinas Ridge Rd	178	178	178	178	356	1067	2311	3377	4977	3733	2844	2133	178
CA Coastal Tr	0	0	0	356	178	1244	2666	2844	1600	1778	2133	2666	356
Phoenix Lake Rd	356	711	889	889	711	356	356	356	356	356	178	178	0
Dibblee Rd	356	711	711	889	711	533	356	178	356	178	178	0	0
Plank Walk Tr	0	711	356	356	356	356	356	356	356	533	356	0	0
Old Railroad Grade	178	533	711	356	356	356	356	356	178	356	178	0	0
Hog Back Rd	178	356	533	533	711	356	356	356	356	178	178	178	0
Verna Dunshee Tr	178	533	178	178	178	356	178	178	178	178	0	0	0
Concrete Pipe Rd	178	356	533	356	178	178	0	178	0	178	0	0	0
Throckmorton Station	178	356	356	356	533	356	356	178	178	178	178	178	0
Bill Williams Rd	0	178	356	356	533	356	356	356	178	0	178	0	0
Lagunitas Picnic Area	178	0	178	356	533	356	178	0	178	0	0	0	0
Fish Gulch Tr	178	0	178	356	0	178	178	0	0	0	0	0	0
Shaver Grade	178	356	533	356	178	178	178	178	178	178	0	0	0
Gravity Car Rd	178	356	533	356	533	356	356	178	356	178	178	178	0
Shadyside Tr	356	178	178	356	356	356	178	178	178	178	0	0	0
Rock Spring Tr	0	178	178	178	178	178	356	0	356	178	178	0	0
Bald Hill Rd	0	178	356	178	178	0	0	0	0	0	0	0	0
Rocky Ridge Rd	0	178	0	178	178	0	356	178	0	178	0	0	0
Harry Allen Tr	0	0	0	178	356	0	0	178	0	0	0	0	0
Cataract Tr*	6	17	36	61	85	100	105	106	80	63	40	21	8

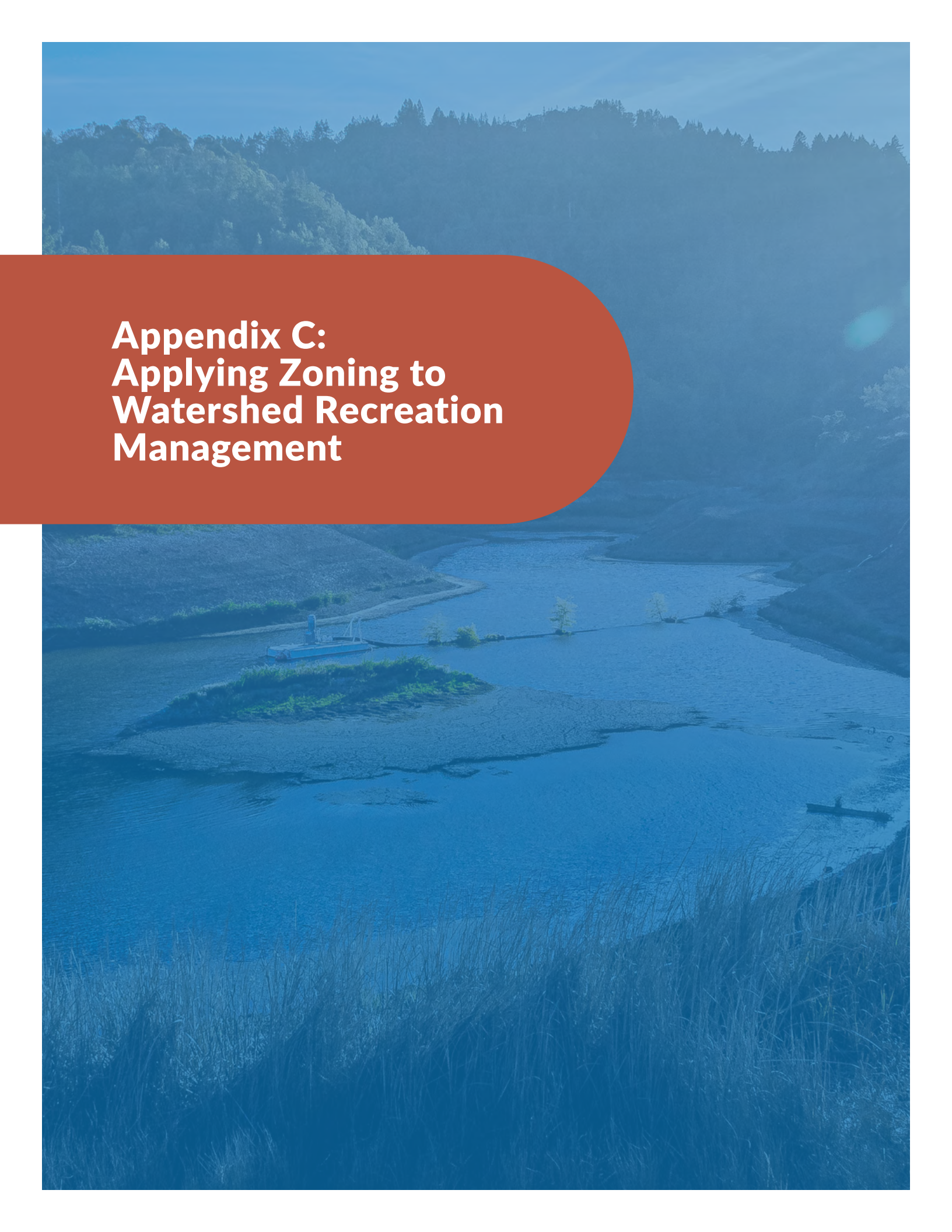
\*May 2023 count data collected by MMWD with eco-counter equipment

Table C-4: Peak Pedestrian Trail Volume, Weekdays May 2022

Trail Name	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM
Throckmorton Station	711	178	0	0	0	0	178	178	0	0	178	0	0
Mt Tam Estates Rd	711	178	0	0	0	0	178	0	0	178	178	0	0
Matt Davis Tr	711	0	0	0	0	178	178	0	0	0	178	0	0
Gravity Car Rd	711	178	178	178	0	178	178	0	0	178	178	356	0
Old Railroad Grade	711	178	178	178	0	178	178	178	178	178	178	178	178
Verna Dunshee Tr	178	178	0	178	178	178	178	178	0	0	178	178	0
Old Stage Rd	711	356	0	0	0	356	0	0	0	0	0	0	0
Temelpa Tr	356	178	178	356	178	178	178	178	0	0	178	178	0
Hog Back Rd	711	356	711	356	0	178	178	178	178	0	178	0	178
Six Points Tr	0	0	0	0	0	178	0	178	0	533	178	0	0
Phoenix Lake Rd	356	533	533	356	356	533	356	356	178	356	356	356	178
Deer Park Rd	178	533	178	0	178	178	178	356	178	356	356	178	0
Nora Tr	533	0	0	178	0	178	0	0	0	0	0	0	0
Dibblee Rd	356	356	533	356	533	356	178	178	178	356	356	178	178
Plank Walk Tr	356	178	178	178	178	356	178	178	0	178	178	0	0
Lagunitas Picnic Area	0	0	0	0	356	178	178	178	0	0	0	0	178
Alpine - Bon Tempe Pump Rd	0	0	356	0	0	0	0	178	0	0	0	0	0
Eldridge Grade	178	178	178	0	356	178	178	0	0	0	0	0	0
Shaver Grade	356	356	356	356	178	178	178	178	0	178	178	178	0
Cataract Tr*	2	4	10	22	40	40	47	45	42	23	16	7	4

\*May 2023 count data collected by MMWD with eco-counter equipment





## **Appendix C: Applying Zoning to Watershed Recreation Management**

The concept of zoning for Recreation Management has been applied successfully in a variety of contexts around the country and the world. Zoning helps visitors reduce their impacts while accommodating a variety of visitor experiences.

Zoning is currently applied within the Watershed through the existing plans. The Roads & Trails Management Plan represents a form of spatial zoning through designation of certain areas of the Watershed specifically for different visitor types and for different levels of visitor use. The District also uses zoning to support vegetation management work occurring as part of the Biodiversity Fires, and Fuels Integrated Plan (BFFIP). Through feedback received at the community workshops and from reviewing other management plans the District will establish a framework for evaluating projects to balance natural resources protection with strategic visitor access improvements.

## What We Heard

During community meeting #5, participants engaged in a virtual whiteboarding exercise related to the three areas of consideration for zoning: Social/Recreation, Ecological / Watershed, and Managerial / Community. Key zoning considerations included: nature immersion, access/inclusivity, water quality protection, habitat restoration, and trail



*Rocky Mountain National Park Staff and youth from Environmental Learning for Kids during youth climbing day in the park (Source: NPS, [Sustainable Bouldering: Using Leave No Trace to Achieve Change](https://www.nps.gov/learn/education/youth-climbing) (U.S. National Park Service) ([nps.gov](https://www.nps.gov)))*

stewardship. There was general support from participants for implementing the concept of zoning on the Watershed during Workshop #6.

Recreational zoning is being evaluated here as a possible component to an updated Roads and Trails Management Plan. A zoning or resources protection



framework can help prioritize potential projects while ensuring the water District continues to meet its mission of protecting biological resources and water quality. Specifically, the RTMP update will consider recreational zoning for assessing and identifying possible trail or road realignments; and to review, consider, and evaluate the potential environmental impacts, benefits, and opportunities on a project-by-project basis. The District recognizes that there will be few new projects given the existing funding and staffing levels, but also notes the importance of proactively establishing a process to review and consider new projects in a holistic way when they arise.

## Possible Zoning Updates to Recreation Management

Through experience we have found that with careful planning, many projects can achieve the multiple goals of fostering greater human connections to the land without compromising the District's core mission of protecting natural resources. This is often accomplished through avoidance – by choosing route and techniques that do not compromise either the natural resources protection or human connections. Instead, through spatial zoning, projects are often able to accommodate both. As the District balances multiple demands, values, and core components of the underlying mission; any proposed project will be

evaluated based on these. This will involve collating existing data and collecting new data when needed to establish a greater understanding of:

- Biological resources, including sensitive resources
- Current use patterns, demands and opportunities for human connection and visitation to natural areas
- Abiotic (physical) conditions and limitations

The specific process for evaluation will be further refined under the next RTMP update through stakeholder and community engagement and may include various levels of review based on the size, scale and scope of a project. This framework will be developed in such a way as to follow six guiding principles:

1. Avoid or minimize environmental impacts (CEQA compliance)
2. Enhance visitor safety
3. Ensure a maintainable facility
4. Sustainable financially
5. Collaboration and coordination with adjacent landowners and the public
6. Coordination with existing District plans, policies, regulations



## **Appendix D: Workshop Noticing and Announcements**

# EXHIBIT A: WORKSHOP NOTICING AND ANNOUNCEMENTS



## Watershed Recreation Management Planning

### Community Workshops, Engagement Activities, Public Meetings

#### Upcoming

Date	Forum	Meeting Materials
June 15, 2023 Beginning at 1:30 p.m.	<b>Watershed Committee Meeting – Agenda Item #2: Watershed Recreation Management Plan Update</b>	<ul style="list-style-type: none"> <li>Meeting agenda and details</li> </ul>

#### Past Engagement Activities

Date	Forum	Meeting Materials
April 12, 2023 5-7 p.m.	<b>Community Workshop #6</b> Watershed Recreation Management Plan Outcomes and public input	<ul style="list-style-type: none"> <li>Meeting agenda and details</li> </ul>
Feb. 8, 2023 5-7 p.m.	<b>Community Workshop #5</b> Watershed census survey data, best management practices and adaptive management	<ul style="list-style-type: none"> <li>Details and agenda</li> </ul>
Nov. 9, 2022 2 – 3:30 p.m.	<b>Watershed Site Visit</b> Roads, trails and Azalea Hill Project	<ul style="list-style-type: none"> <li>Details and agenda</li> </ul>
Oct. 12, 2022 5 – 7 p.m.	<b>Community Workshop #4</b> Watershed facilities, visitor management, and public input	<ul style="list-style-type: none"> <li>Details and agenda</li> <li>Workshop Video Recording Part 1</li> <li>Workshop Video Recording Part 2</li> </ul>
Sept. 14, 2022 5 – 7 p.m.	<b>Community Workshop #3 (in-person at Lake Lagunitas)</b> Stewardship, partnership and outreach programs, and public input	<ul style="list-style-type: none"> <li>Details and agenda</li> </ul>
Ongoing August to October 2022	<b>Watershed Data Collection Survey</b> In-person and online survey collection	-----
July 13, 2022 5 – 7 p.m.	<b>Community Workshop #2</b> Watershed census survey update, data collection process, and public input	<ul style="list-style-type: none"> <li>Agenda and Presentation Documents</li> <li>Workshop Video Recording</li> </ul>
July 6, 2022 2 – 3:30 p.m.	<b>Watershed Site Visit</b> Ranger and Naturalist hike; meet at the <a href="#">Lake Lagunitas Parking Lot</a> (parking day passes will be provided)	<ul style="list-style-type: none"> <li>Details and agenda</li> </ul>
June 8, 2022 5 – 7 p.m.	<b>Community Workshop #1</b> Introduction to project, review of scope of work, objectives, and public input	<ul style="list-style-type: none"> <li>Agenda and Presentation Documents</li> <li>Workshop Video Recording</li> </ul>

